All State NHM/AIIMS/ESIC/PGI Pharmacist Exam Planner Chapterwise Solved Papers

Chief Editor

A.K. Mahajan

Editorial Office

12, Church Lane Prayagraj-211002

🕓 Mob. : 9415650134

Email : yctap12@gmail.com

website : www.yctbooks.com/ www.yctfastbook.com

© All Rights Reserved with Publisher

Publisher Declaration

Edited and Published by A.K. Mahajan for YCT Publications Pvt. Ltd.

and printed by Om Sai Offset. In order to Publish the book,

full care has been taken by the Editor and the Publisher,

still your suggestions and queries are welcomed.



In the event of any dispute, the judicial area will be Prayagraj.

Index

	Anatomy & Physiology7-62
•	Pharmaceutics63-185
•	Pharmaceutical Chemistry186-329
•	Pharmacology & Toxicology Part
•	Biochemistry & Clinical Pathology524-582
•	Pharmacognosy583-669
•	Drug Storage & Business Management670-686
•	Hospital & Clinical Pharmacy687-698
•	Pharmaceutical Jurisprudance699-725
•	Health Education & Community Pharmacy726-784

Pharmacist/JR Pharmacist Previous Year Exam Papers Analysis Chart

S.No.	Papers	Organized Year	Total Question
1.	Safdarjung Pharmacist Mains	21.11.2023	80
2.	AMC Pharmacist	05.11.2023	60
3.	UPSSSC Pharmacist	26.03.2023	35
4.	Lucknow Cantonment Board Pharmacist	05.02.2023	50
5.	MPSC Pharmacist	08.02.2023	100
6.	UP NHM Pharmacist	29.12.2022	80
7.	UP NHM Pharmacist	28.12.2022	80
8.	Kerala PSC Pharmacist Gr. II	27.10.2022	100
9.	HPSSC Pharmacist	22.08.2022	120
10.	MP NHM Pharmacist (Contractual)	04.08.2022	80
11.	AMC Pharmacist	15.05.2022	90
12.	GPSSB Jr. Pharmacist	08.05.2022	120
13.	HPSSC Pharmacist	14.05.2022	120
14.	GPAT	09.04.2022	125
15.	Kerala PSC Pharmacist Gr. III	22.12.2021	100
16.	VSSC Pharmacist - A	07.11.2021	80
17.	GMC Pharmacist	08.08.2021	60
18.	Gujarat JMC Jr. Pharmacist	19.06.2021	50
19.	Gujarat VMC Pharmacist	28.03.2021	50
20.	GPSC Associate Professor Pharmacist	11.02.2021	200
21.	GPAT	27.02.2021	125
22.	Kerala PSC Pharmacist Gr. II	04.01.2021	100
23.	GPSC Asst. Professor Pharmacist	23.01.2021	170
24.	HPSSC Pharmacist	12.12.2020	120

25.	Kerala PSC Pharmacist Gr. II	04.11.2020	100
26.	NCL Pharmacist	08.11.2020	70
27.	GSSSB Sr. Pharmacist	07.01.2020	100
28.	GPAT	28.01.2020	125
29.	DSSSB Pharmacist	01.11.2019	100
30.	RRB Pharmacist Gr. III	21.07.2019	70
31.	RRB Pharmacist Gr. III	19.07.2019	80
32.	TNPSC Pharmacist (degree)	27.06.2019	200
33.	TNPSC Drugs inspector	27.06.2019	200
34.	TNPSC Drugs inspector	27.06.2019	200
35.	ESIC Delhi Pharmacist	26.02.2019 (Shift-I)	100
36.	ESIC Pharmacist	26.02.2019(Shift-II)	100
37.	GPAT	28.01.2019	125
38.	Gujarat BMC Pharmacist	30.12.2018	50
39.	CGHS Delhi Pharmacist	26.12.2018	50
40.	HPSSC Pharmacist	19.08.2018	120
41.	CGHS Hyderabad Pharmacist	27.06.2018	60
42.	Kerala PSC Pharmacist Gr. II	01.06.2018	80
43.	TNPSC Pharmacist (degree)	21.02.2018	200
44.	GSSSB Jr. Pharmacist	18.02.2018	100
45.	CGHS Pharmacist	08.01.2018	45
46.	AIIMS Delhi Pharmacist	2018	135
47.	GPAT	2018	125
48.	BSSC Pharmacist	2018	100
49.	VSSC Pharmacist - A	10.12.2017	80
50.	Kerala PSC Pharmacist Gr. II	12.07.2017	80
51.	Kerala PSC Pharmacist Gr. II	18.05.2017	80
52.	MP Vyapam Pharmacist	16.04.2017 (Shift-I)	75

53.	MP Vyapam Pharmacist	16.04.2017 (Shift-II)	75
54.	MP Vyapam Pharmacist	16.04.2017 (Shift-III)	50
55.	GPAT	2017	125
56.	Kerala PSC Pharmacist Gr. II	01.08.2016	80
57.	ESIC Pharmacist	22.05.2016	100
58.	ESIC Delhi Pharmacist	19.03.2016	100
59.	MPSC drug inspector	21.02.2016	90
60.	GPAT	2016	125
61.	Kerala PSC Pharmacist Gr. II	29.10.2015	80
62.	Kerala PSC Asst. Pharmacist	19.06.2015	60
63.	RRB Pharmacist Gr. III	23.06.2015	70
64.	DSSSB Pharmacist	26.04.2015	100
65.	Kerala PSC Pharmacist Gr. II	31.01.2015	80
66.	GPAT	2015	125
67.	Kerala PSC Pharmacist Gr. II	05.09.2014	80
68.	ESIC Gujarat Jr. Pharmacist	31.08.2014	80
69.	MPSC Pharmacist	15.04.2014	90
70.	CGHS Hyderabad Pharmacist	2013	100
71.	GPAT	2013	125
72.	UP NHM Pharmcist	2013	100
73.	RUSH Pharmacist	16.06.2012	80
74.	GPAT	2012	140
75.	GPAT	2010	100
76.	TNPSC Drugs inspector (Pharmacy)	26.07.2009	200
77.	MPSC drug inspector	05.09.2008	120
	Total		7720

Trend Analysis of Previous Year Exams Papers Through Bar Graph and Pie Chart





01.

Anatomy & Physiology

1.	Select the correct name for cranial nerve -X	Ans (c) : Atherosclerosis is thickening or hardening of
	(a) Olfactory (b) Optic	the arteries caused by a buildup of plaque in the inner
	(c) Facial (d) Vagus	lining of an artery Risk factors may include high
	Lucknow Cantonment Board Pharmacist (05.02.2023)	cholesterol and triglyceride levels high blood pressure
Ans.	(d): There are 12 cranial nerves in our body, each	smoking diabetes obesity physical activity and eating
havin	ng a particular function.	saturated fats.
• Cr	anial nerve 3 is the oculomotor nerve which helps	6 Which of the following antigens are present on
the n	novements of muscles of eyes.	the RBC in the person having blood group O?
• T	he vagus nerve verifiably referred to as the	(a) Antigen-A (b) Antigen-B
pneu	mogastric nerve. It is the longest cranial nerve. It is	(c) Both (d) None
the	10 th cranial nerve and interfaces with the lungs,	UPSSSC Pharmacist (26.03.2023)
heart	t, and stomach related lot.	$(\mathbf{d}) = \mathbf{A}$ Diagd group is a closeff setion of blood
2.	Partial pressure of carbon dioxide in alveoli is	Ans. (d): A Blood group is a classification of blood
	(a) 160 mm Hg (b) 105 mm Hg	inherited antigenic substances on the surface of red
	(c) 40 mm Hg (d) 45 mm Hg	blood cells. These antigen may be proteins
	Lucknow Cantonment Board Pharmacist (05.02.2023)	carbohydrates glycoproteins or glycolinids depending
Ans.	(c): Partial pressure is the amount of pressure that	on the blood group system Blood group O has no
each	yith greater partial pressure to another with lower	antigens but both anti-A and anti-B antibodies in the
narti	al pressure. The partial pressure of carbon dioxide	plasma Blood group AB has both A and B antigens but
(CO	b) at alveoli (the site of diffusion) is 40 mmHg.	no antibodies.
• Th	e partial pressure of oxygen (O_2) at alveoli is 104	7 The following organs are part of male
mmH	Ig.	renroductive system excent:
3.	During the embryonic development midbrain	(a) Vas deferen (b) Urethra
	is developed from?	(c) Ureter (d) Testis
	(a) Rhombencephalon (b) Mesencephalon	UPSSSC Pharmacist (26.03.2023)
	(c) Procencephelon (d) Telencephelon	Ang (a). The unstang are tubular structures
	Lucknow Cantonment Board Pharmacist (05.02.2023)	Ans.(c): The uncleast are tubular structures
Ans.	(b) : The middle vesicle is the "mesencephalon"	approximately 20–23 cm in addits that pass from the
whic	h is the precursor of midbrain structures, the most	pelvis of each kidley into the bladder. Form the fenal
anter	tior of these embryonic brain vesicles is called the	reach the brim of the pelvis
"Pro	sencephalon" which is the embryonic precursor of	
the	forebrain, and the most posterior is the	8. Which of the following cranial nerve is known
rho	mbencephalon" which will become the hindbrain.	as factal herve:
4.	Smallest bone of the body is	(a) Cranial nerve V (b) Cranial nerve VI
	(a) Malleus (b) Incus	(c) Cranial nerve VII (d) Cranial nerve VIII
	(c) Stapes (d) Femur	UPSSSC Pharmacist (26.03.2023)
	Lucknow Cantonment Board Pharmacist (05.02.2023)	Ans. (c) : Facial nerve is the 7 th cranial nerve and
Ans.	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and	Ans. (c) : Facial nerve is the 7 th cranial nerve and carries nerve fibers that control facial movement and
Ans. short	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the	Ans. (c) : Facial nerve is the 7^{th} cranial nerve and carries nerve fibers that control facial movement and expression.
Ans. short smal	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes	Ans. (c) : Facial nerve is the 7 th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in
Ans. short smal or st	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear.	Ans. (c) : Facial nerve is the 7^{th} cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior $2/3$ of the tongue and producing
Ans. short smal or sti • Th	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear. here are three bones in the middle ear-malleus,	Ans. (c) : Facial nerve is the 7 th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior $2/3$ of the tongue and producing tears.
Ans. short smal or sti • Th stape	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear. here are three bones in the middle ear-malleus, es and incus.	 Ans. (c) : Facial nerve is the 7th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior 2/3 of the tongue and producing tears. 9. The life span of WBC is approximately
Ans. short smal or sti • Th stape 5.	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear. here are three bones in the middle ear-malleus, es and incus. The formation of plaque inside the coronary	 Ans. (c) : Facial nerve is the 7th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior 2/3 of the tongue and producing tears. 9. The life span of WBC is approximately (a) Less than 10 days
Ans. short smal or sti • Th stape 5.	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear. here are three bones in the middle ear-malleus, and incus. The formation of plaque inside the coronary artery due to deposition of the lipid content is known as	 Ans. (c) : Facial nerve is the 7th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior 2/3 of the tongue and producing tears. 9. The life span of WBC is approximately (a) Less than 10 days (b) Between 10 to 20 days
Ans. short smal or sti stape 5.	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear. here are three bones in the middle ear-malleus, and incus. The formation of plaque inside the coronary artery due to deposition of the lipid content is known as (a) Thromhosis (b) Embolism	 Ans. (c) : Facial nerve is the 7th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior 2/3 of the tongue and producing tears. 9. The life span of WBC is approximately (a) Less than 10 days (b) Between 10 to 20 days (c) Between 20 to 30 days
Ans. short smal or sti • Th stape 5.	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear. here are three bones in the middle ear-malleus, es and incus. The formation of plaque inside the coronary artery due to deposition of the lipid content is known as (a) Thrombosis (b) Embolism (c) Atherosclerosis (d) Muccardial inferction	 Ans. (c) : Facial nerve is the 7th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior 2/3 of the tongue and producing tears. 9. The life span of WBC is approximately (a) Less than 10 days (b) Between 10 to 20 days (c) Between 20 to 30 days (d) Between 30 to 45 days
Ans. short smal or sti • Th stape 5.	Lucknow Cantonment Board Pharmacist (05.02.2023) (c) : The human body consists of both long and t bones. Longest bone is the thigh bone but the lest and the lightest bone in a human body is stapes irrup found in our middle ear. here are three bones in the middle ear-malleus, es and incus. The formation of plaque inside the coronary artery due to deposition of the lipid content is known as (a) Thrombosis (b) Embolism (c) Atherosclerosis (d) Myocardial infarction UPSSSC Pharmacist (26.03.2023)	 Ans. (c) : Facial nerve is the 7th cranial nerve and carries nerve fibers that control facial movement and expression. The facial nerve also carries nerves that are involved in taste to the anterior 2/3 of the tongue and producing tears. 9. The life span of WBC is approximately (a) Less than 10 days (b) Between 10 to 20 days (c) Between 20 to 30 days (d) Between 30 to 45 days Lucknow Cantonment Board Pharmacist (05.02.2023)

Ans. (b): white blood cells, also called leukocytes or 14.	which is not a true for Insulin?
leucocytes, are the cells of the immune system that are (a	a) It is a amphoteric protein
disease and foreign invaders	a) It is inactivated by digestive enzymes
• The life span of the WBC is between 10 to 20 days. It	d) It combines with zing to lose activity
is mainly responsible for the protection of the body	HPSSC Pharmacist (22.08.2022)
from diseases.	Lingulin is a small protein consisting 51
• The life span of the RBCs is 20–120 days.	cids in it's molecule. It works as a hormone and
• The life span of the blood platelets is 3–5 days.	ed in the pancreas and added to the blood after
Note: According to commission right answer is option (c). meals w	when sugar levels are high it controls the sugar
10. Red cell count is carried out by	blood by allowing cells to absorb glucose.
(a) Electrogram	do not combine with zinc instead in the presence
(b) Sphygmomanometer	Improves the peripheral insumi sensitivity.
(c) Haemoglobinometer	leart rate of 160-180 refers to
(d) Haemocytometer	a) Adam syndrome (d) Ectonic activity
Lucknow Cantonment Board Pharmacist (05.02.2023)	HPSSC Pharmacist (22 08 2022)
Ans. (d) : Red cell refers to red blood cells also known	• Inregular and fast rate of heartheat (ranging
the lungs A healthy person has 5-5.5 million RBCs per 1160-180)) is termed as ectopic activity and it happens
mm^3 of blood which have lifespan of 120 days	ur heart contracts (beats) too soon.
• Haemocytometer is a device that is used for counting 16. Sp	phincter of oddi is present at exit of
red blood cells, it contains different grids and has (a	a) Oesophagus (b) Stomach
specific area and volume to count the number of RBCs (c	c) Urinary bladder (d) Gall bladder
in a particular volume of blood.	HPSSC Pharmacist (22.08.2022)
• Haemoglobinometer is a device used for measuring Ans. (d)): The sphincter of oddi is the muscular valve
the nemoglobin concentration of the blood.	ding the exit of the gall bladder i,e at the exit of
determine blood pressure	Lale ser hormone testesterene is secreted by
11 Urea formation occurs in	a) Spermatogenic (b) Sertoli cells
(a) Heart (b) Liver (c	c) Levdig cells (d) Epididvmis
(c) Spleen (d) Kidney	HPSSC Pharmacist (22.08.2022)
HPSSC Pharmacist (22.08.2022) Ans. (c)) : Leydig cells are the source of androgenic
Ans. (b) : Urea is formed in are body during nitrogen hormone	e i.e testosterone in males. Leydig cells (LC) are
metabolism the hepatic cells in the liver. Urea is an present i	in the testicular interstitial tissue and their main
excretory product and it enters into the blood, after it's	I is to produce testosterone.
tormation in the liver, when blood reaches the kidney, 16. All	iabetes EXCEPT.
which litters it out from the blood and hence excretes (a	a) Hypothyroid (b) Neuropathy
	c) Kidney damage (d) Retinopathy
12. Blie is formed in (a) Call bladder (b) Liver	UP NHM Pharmacist (29.12.2022)
(a) Spleen (d) Blood Ans. (a)): A condition in which the thyroid gland does
HPSSC Pharmacist (22 08 2022)	luce enough thyroid hormone.
Ang. (b) : Pilo is an agueous liquid solution produced Hypothy	yroidism deficiency of thyroid hormones can
in the liver. It consists mainly hile salts conjugated	such things as heart rate body temperatures and
bilirubin with some electrolytes and water	ect of metabolism. Hypothyroidsm is most
13 Mitochondria are sites of	nt in older in older woman.
(a) Oxidative phosphorylation	person with O blood group can receive blood
(b) Photolysis	com a person naving blood group.
(c) Phosphorylation	$\begin{array}{c} a) \ A, \ AB \\ c) \ O \\ \end{array} $
(d) Starch synthesis	UP NHM Pharmacist (29.12.2022)
HPSSC Pharmacist (22.08.2022) Ans. (c)	a : A blood type is a classification of blood
Ans. (a) : Oxidative phosphorylation is the final step based or	n the presence and absence of antibodies and in
incellular respiration, it occurs in the mitochondria. It is hirite an	ntigenic substances on the & surface of red
the principal purpose of oxygen respiration and the blood co	ells. These antigene may be proteins are body
principal use of breathed in oxygen is to generate glycopro	otins or glycolipids depending on the blood
energy in the body. group sy	ystem.

20. The chronic inflammation of a delayed hypersensitivity reaction is mediated by:	25. It is found only in muscles and this binds
(a) Glucagon (b) Bradykinin	(a) Myoglobin (b) Sarcolemma
(c) Lymphokines (d) Histamine	(c) Mitochondrion (d) Myofibril
UP NHM Pharmacist (29.12.2022)	UP NHM Pharmacist (29.12.2022)
Ans. (d) : Histomine - a chemical found in some of the body's calls caused many of the symtoms of allergic such as runny nose are sneezing when a person is allergic to a particular substance such as a food or dust, the Immune system mistakenly belieuss that us usually harmless substance is act orally harmful to the body	Ans. (a) : Myoglobin is a protein located primarily in the striated muscles of vertebrates MB is the geneoncoding myoglobin is humans. It encodes a single polypeptide chain with one oxygen binding site Myoglobin contains heme prosthetic group that can reversibly bind to oxygen
21. What happens when the level of bilirubin in the blood increases?	26. In the presence of inflammation, is/
(a) Alzhelmer's (b) Jaundice	are raised.
(c) Diabetes (d) Cancer	(a) Florinogen (b) Flatelets (c) Ceruloplasmin (d) Ferritin
UP NHM Pharmacist (29.12.2022)	(c) Ceruiopiasinii (d) Ferrinii IIP NHM Pharmacist (29 12 2022)
Ans. (b) : Jauindice is a condition in which the whites	Ans (b) • Platetets are nieces of very large cells in the
of the eyes and mucous membranes turm yellow because of a high level of bilirubin a yellow - orange bile pigment jaundice has many couses including hepatitis, gall stones and tomars. In adults jaundice usually do ant need to bet treated	bone morrow called me gakargoctles. they help form blood clots to slow or stop bleeding and to help wounds heal or having platetets that don't work as they should can couse problems
Jaundis two types -	27. An example of haemostatic suture is:
(1) Physiological jaundice	(a) Sterile polyester suture
(2) Pathaphysi ological jaundice	(b) Sterile linen suture
22 excreted by the respiratory system.	(c) Oxidised cellulose
(a) Carbon dioxide (b) Urea	(d) Sterile catgut
(c) Faeces (d) Protein	UP NHM Pharmacist (29.12.2022)
UP NHM Pharmacist (29.12.2022)	Ans. (c) : The Atlantic cod is a benthopelagic fish of
Ans. (a) : Corbon dioxide is a naturally occurring	the family gadidae widely consumed by human It is
earth's ecosystem. It is essential for photosynthesis	also commercially known as cod or codling Dry cod
which all plants need to survive carbondioxide also	slot cod or clipfish
helps regulate the temperature of the atmosphere and	28 Which ion is assential for muscle contraction?
the plant as well. They are often referred to as green	20. Which for is essential for muscle contraction: (a) Na (b) K
not allow it to leave thus heating the lower atmosphere	$\begin{array}{c} (a) & \Pi a \\ (b) & \Pi \\ (c) & \Pi a \\ (c) & \Pi a \\ (d) & \Pi \\ (d)$
but corbon dioxide is exhaled by the respirating system.	HPSSC Pharmacist (14 05 2022)
23. Right-sided cardiac failure is called:	Ans (c) : The essential muscle contraction is caused by
(a) Congestive cardiac failure	calcium ions. These calcium ions bind to the protein
(b) Left ventricular failure	complex troponin in order to remove the masking of
(c) Chronic cardiac failure	active site on actin. This results in the exposure of the
(d) Acute cardiac failure	active- binding sites on the actin for myosin.
UP NHM Pharmacist (29.12.2022)	29. White matter is external and grey matter is
Ans. (a) : Congestive heart failure is a long term	internal in
Condition that happens when your heart can't pump	(a) Cerebrum (b) Cerebellum
blood and fluids collect in our lungs and legs over time	(c) Medulla oblongata (d) Both (b) and (c)
medications and other treatments	HPSSC Pharmacist (14.05.2022)
24 Bronchiel obstruction is a common symptom of:	Ans. (c) : The medulla oblongata consists of both cells
(a) Liver failure (b) Asthma	and fibres, which are similarly to those in the spinal
(c) Lung cancer (d) Cancer	cord, the cells or grey matter being on the inside and the
UP NHM Pharmacist (29.12 2022)	of the skull just in front o the foramen magnum and
Ans. (b) : Recurrent enisodes of acute shartness of	links the pons and spinal cord.
breath typically accurring at night or the early morning	30. Light rays entering the eve is controlled by
hours, are the cordinal manifestation of bronchial	(a) Pupil (b) Iris
asthma, farther symptoms include cough wheezing and	(c) Cornea (d) Lens
feeling of tightness in the chest.	HPSSC Pharmacist (14.05.2022)
Anatomy & Physiology	9 YCT

Ans. (a): Light rays entering the eye is controlled by	37. A digestive enzyme functional only in infants is
pupil, lets into our eyes as the muscles of our iris	(a) Lactose (b) Gastric lipase
change its shape. The lens in our eye locuses light then	(c) Intestinal lipase (d) Chymotrypsin
21 Antiogoing hormono is	HPSSC Pharmacist (14.05.2022)
51. Antiageing normone is	Ans. (b) : A digestive enzyme functional only in infants
(a) Filipioxine (b) Melatolilli (c) Estrogen (d) Testosterone	in gastric lipase. Intragastric lipolysis is probably of
HPSSC Pharmacist (1/ 05 2022)	major importance in the newborn and especially in the
Ans (b) : Antiaging hormone is melatonin Melatonin	premature infants. Gastric lipase is essential for infant
is a hormone produced in the glandula ninealis that	fat digestion.
follows a circadian light dependent rhythm of secretion	38. Residual air mostly occurs in
32 Organesis is an axample of	(a) Alveoli (b) Bronchus
(a) Mitosis (b) Meiosis	(c) Nostrils (d) Trachea
(c) Specialisation of cell (d) DNA replication	HPSSC Pharmacist (14.05.2022)
HPSSC Pharmacist (14.05.2022)	Ans. (a): Residual air mostly occurs in alveoli. The
Ans. (b) : Orgenesis is an example of meiosis Meiosis	residual volume (RV) is the alveoli of the lungs, after
produces sex cells or gametes. Oagenesis is a process	respiratory. The lungs are never left completely empty,
which creates female gametes called ovum. Meiosis is a	there is always some air left in the lungs after a
type of cell division in sexually reproducing organisms	maximum exhalation.
that reduces the number of cloromosomes in gametes.	39. Agranulocytes are
33. Nuclear envelope reappears at	(a) Eosinophils (b) Neutrophils
(a) Metaphase (b) Anaphase	(c) Basophils (d) None of these
(c) Cytokinesis (d) Telophase	HPSSC Pharmacist (14.05.2022)
HPSSC Pharmacist (14.05.2022)	Ans. (d) : Agranulocytes are white blood cells that have
Ans. (d) : Nuclear envelope reappears at telophase.	no distinct granules in their cytoplasm. Agranulocytes
Telophase- During this phase, chromosomes disappears	orginates from the lymph nodes.
(become chromatin), nuclear membrane reforms,	• Agranulocytes are known as mononuclear leukocytes.
nucleoli reappears,. Telophase is the fifth and final	• Granulocytes (neutrophils, eosinophils and basophils).
phase of mitosis, the process that separates the	• Agranulocytes (lymphocytes and monocytes).
duplicated genetic material carried in the nucleus of a	
parent cell into two identical daughter cells	40 The elimination of insoluble calcium phosphate
parent cell into two identical daughter cells.	40. The elimination of insoluble calcium phosphate takes place by
parent cell into two identical daughter cells. 34. Cytochromes are (a) O ₂ acceptors (b) H ₂ acceptors	40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney
parent cell into two identical daughter cells. 34. Cytochromes are (a) O ₂ acceptors (b) H ₂ acceptors (c) Electron acceptors (d) H ₂ O acceptors	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin
parent cell into two identical daughter cells.34. Cytochromes are (a) O2 acceptors(b) H2 acceptors (c) Electron acceptors(d) H2O acceptors(d) H2O acceptors HPSSC Pharmacist (14.05.2022)	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022)
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food Sometimes calcium
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium
parent cell into two identical daughter cells.34. Cytochromes are (a) O2 acceptors (b) H2 acceptors (c) Electron acceptors (d) H2O acceptors HPSSC Pharmacist (14.05.2022)Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors.	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glwcogen 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces.
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022)	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41 Longest cells in human body are
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate 38	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells
parent cell into two identical daughter cells.34. Cytochromes are(a) O2 acceptors(b) H2 acceptors(c) Electron acceptors(d) H2O acceptorsHPSSC Pharmacist (14.05.2022)Ans. (c) : The role of cytochrome c is to carry electronsfrom one complex of integral membrane proteins of theinner mitochondrial membrane to another, cytochromesare electron acceptors.35. The most common respiratory substrate is(a) Glucose(b) Sucrose(c) Maltose(d) GlycogenHPSSC Pharmacist (14.05.2022)Ans. (a) : Glucose is the most common respiratorysubstrate. One molecules of glucose produces 38molecules of ATP. So its an instant energy source. It is	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Hant muscle cells
parent cell into two identical daughter cells.34. Cytochromes are(a) O2 acceptors(b) H2 acceptors(c) Electron acceptors(d) H2O acceptorsHPSSC Pharmacist (14.05.2022)Ans. (c) : The role of cytochrome c is to carry electronsfrom one complex of integral membrane proteins of theinner mitochondrial membrane to another, cytochromesare electron acceptors.35. The most common respiratory substrate is(a) Glucose(b) Sucrose(c) Maltose(d) GlycogenHPSSC Pharmacist (14.05.2022)Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of alwooren. It is also stored in plants in the form of	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022)
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates.	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Amaging (b) Magagring 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long.
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Apocrine (b) Mesocrine (c) Hologring (d) Narg of these 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long Nerve cells are only present in animals. Nerve cells is present in animals. Nerve cells is present in animals.
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Apocrine (b) Mesocrine (c) Holocrine (d) None of these 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long Nerve cells are only present in animals. Nerve cells is an excitable and specialized cell of the Nervous tissue
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors HPSSC Pharmacist (14.05.2022) Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. Mass. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Apocrine (b) Mesocrine (c) Holocrine (d) None of these HPSSC Pharmacist (14.05.2022) Ans. (a) Scheme characterize in the body in the form of starch and glycoconjugates. 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long. Nerve cells are only present in animals. Nerve cells is an excitable and specialized cell of the Nervous tissue which helps in proper functioning of the brain and
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. Mas. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Apocrine (b) Mesocrine (c) Holocrine (d) None of these HPSSC Pharmacist (14.05.2022) 	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long. Nerve cells are only present in animals. Nerve cells is an excitable and specialized cell of the Nervous tissue which helps in proper functioning of the brain and coordination of other parts of the body.
parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. Mass. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Apocrine (b) Mesocrine (c) Holocrine (d) None of these HPSSC Pharmacist (14.05.2022) Ans. (c): Sebaceous glands are holocrins glands. sebaceous glands produce sebum via holocrine	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long. Nerve cells are only present in animals. Nerve cells is an excitable and specialized cell of the brain and coordination of other parts of the body. Neurons are divided into 3 Types : Sensory neurons
 parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Apocrine (b) Mesocrine (c) Holocrine (d) None of these HPSSC Pharmacist (14.05.2022) Ans. (c): Sebaceous glands are holocrins glands. sebaceous glands produce sebum via holocrine secretion, a largely uncharacterized mode of processing and a call of the other secretion.	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long. Nerve cells are only present in animals. Nerve cells is an excitable and specialized cell of the Nervous tissue which helps in proper functioning of the brain and coordination of other parts of the body. Neurons are divided into 3 Types : Sensory neurons (stimuli response) Motor response (receive singnals)
 parent cell into two identical daughter cells. 34. Cytochromes are (a) O₂ acceptors (b) H₂ acceptors (c) Electron acceptors (d) H₂O acceptors Ans. (c) : The role of cytochrome c is to carry electrons from one complex of integral membrane proteins of the inner mitochondrial membrane to another, cytochromes are electron acceptors. 35. The most common respiratory substrate is (a) Glucose (b) Sucrose (c) Maltose (d) Glycogen HPSSC Pharmacist (14.05.2022) Ans. (a) : Glucose is the most common respiratory substrate. One molecules of glucose produces 38 molecules of ATP. So its an instant energy source. It is also abundant and easily stored in the body in the form of glycogen. It is also stored in plants in the form of starch and glycoconjugates. 36. Sebaceous glands are (a) Apocrine (b) Mesocrine (c) Holocrine (d) None of these HPSSC Pharmacist (14.05.2022) Ans. (c): Sebaceous glands are holocrins glands. sebaceous glands produce sebum via holocrine secretion, a largely uncharacterized mode of programmed cell death that contributes to the interval of the in	 40. The elimination of insoluble calcium phosphate takes place by (a) Liver (b) Kidney (c) Large intestine (d) Skin HPSSC Pharmacist (14.05.2022) Ans. (c) : The calcium ions binds to the phosphates and are present in the dietary food. Sometimes, calcium phosphate are consumed as an antacid. The calcium phosphate is a salt which is insoluble in water. The calcium ions are absorbed by the cells of the intestine as per requirement. The excess of calcium and phosphate ions are excreted by the large intestine in the form of paeces. 41. Longest cells in human body are (a) Nerve cells (b) Bone cells (c) Leg muscle cells (d) Heart muscle cells HPSSC Pharmacist (14.05.2022) Ans. (a) : Longest cells in Human body are Nerve cells are also called Neurons that are found in the Nervous system they can be up to 3 feet long. Nerve cells are only present in animals. Nerve cells is an excitable and specialized cell of the brain and coordination of other parts of the body. Neurons are divided into 3 Types : Sensory neurons (stimuli response) Motor response (receive singnals) and interneurons (connects one neuron to Another brain and context of the parts on the parts o

42.	The term cytoplasm was coined by		Ans. (c) : Secretion of glucagon is not a function of
	(a) Sachs (b) Strasbu	ırger	Liver.
	(c) Hanstein (d) Flemm	ing	$\overline{\text{Function of Liver}} \rightarrow$
	HPSSC Pharmacist	(14.05.2022)	Bile production and excretion
Ans.	(b) : Term cytoplasm refers to the livi	ng substance	• Excretion of bilirubin, cholesterol hormone and drugs.
or pr	rotoplast found within a cell, including	the Nucleus,	• Metabolism of fats, protein and carbohydrates.
Edua	ard strans burger created the word cytop	olasm.	Enzyme Activation
\rightarrow T	he cytoplasm is the gel- like fluid insid	le the cell. It	 Storage of glycogen, vitamins and minerals
is the	e medium for chemical reaction. It pro	vides a plate	•Synthesis of plasma proteins, such as albumin and
the	upon which other organelies can op	berate within	clotting factor.
42	Mussle veletion is completed in sub	·	46. Calcitonin is secreted by
43.	Muscle relation is completed in wi	ich phase of	(a) Fituitary giand (b) Thyroid (c) Pancreas (d) Adrenal
	(a) Phase-I (b) Phase-I	TT I	HPSSC Pharmacist (14.05.2022)
	(c) Phase-III (d) Phase-	V	Ans. (b) : Calcitonin is secreted by thyroid Calcitonin
	HPSSC Pharmacist	(14.05.2022)	is a 32 amino acid hormone secreted by the C- cells of
Ans	(c) · Stage of general anesthesia-	Before they	thyroid gland.
had	machines to track our vital signs du	ring general	Pituitary gland :- Its function including growth,
anes	thesia, doctor come up with a monitori	ng system to	metabolism, reproduction, lactation, water and sodium
keep	patients safe. They divided the syste	em into four	(sait) balance, labour and child birth.
stage	e -		pancrease - rancrease creates natural julies caned
• Sta	age 1. Induction		travel through our pancrease.
• Sta	age 2. Excitement or delirium		Adrenal gland :- Adrenal gland produce hormone that
• Sta	age 3. surgical Anesthesia		help regulate our metabolism, immune system, blood
• Sta	age 4. Over dose.		pressure response stress and other essential function.
State	e: 3. Surgical anesthesia:- At this stag	e surgery	47. Progestational phase of menstrual cycle is
can t	takes place our eyes stop moving muscl	e	antagonized by
com	pletely relax, and we may stop breathin	g without	(a) Progesterone (b) Oestrogen
the h	help of machines. The anesthesiogist wi	ll keep we at	(c) Luteinizing normone (d) Protactin UDSSC December (14.05.2022)
this s	stage until the procedures is over.		Ang. (b) + Dragastational phase of monotrual avala is
44.	An adult has number	r teeth's of	antagonised by Oestrogen. The menstrual cycle is
	$\begin{array}{c} \text{(a) } 2 \\ \text{(b) } 4 \end{array}$		governed by an interaction between reproductive
	(a) 2 (b) 4		hormone (L.H,F.S.H, oestradiol and progesterone) that
	HPSSC Pharmacist	(14 05 2022)	result in growth of a follicle, ovulation [release of egg
Ans.	(d) : An Adult has 8 number teeth's	of incisor in	from the ovary into the fallopian tubes].
total	. Human teeth function to mechanically	break down	48. Ganglion refers to
item	s of food by cutting & crushing the foo	d material.	(a) Collection of cell bodies of neurons in
• Hu	ıman have four types of Teeth -		(b) Collection of numerous evens in Derinhand
	• Incisors		(b) Collection of numerous axons in Peripheral Nervous System
	• Canines		(c) Collection of cell bodies of neurons in
	Premolars		Peripheral Nervous System.
	• Molars		(d) Collection of axons in Central Nervous
• Hu	man dental formula = $\frac{2123}{2}$		System.
IIu	2123		HPSSC Pharmacist (14.05.2022)
45.	Which one of the following is not a	a function of	Ans. (c) : Ganglion refers to collection of cell bodies of
	Liver?		neurons in peripheral Nervous system. A ganglion is a cluster of nerve calls found in the DNS. The calls that
	(a) Storage site for vitamins		are specific to a ganglion are called ganglion cells
	(b) Site for metabolism of proteins		However the term is some time used to describe retinal
	(c) Secretion of glucagon		ganglion cells. The main component of the ganglion a
	(d) Detoxification of various drugs.	(14.05.2022)	cell body called the somata and associate dendritic
	HPSSC Pharmacist	(14.05.2022)	structure.

49. The middle protective covering layer of brain is (a) Pia mater (b) Dura mater (c) Arachnoid mater (d) Pons HPSSC Pharmacist (14.05.2022)	 Ans. (d): Chemoreceptor trigger zone is an area of the Medulla oblongata and plays role in stimulating emesis. 54. Which of the following is a sign or symptom of left sided heart failure?
 Ans. (c) : The middle protective covering layer of brain is Arachnoid mater. There present three meninges layers that constitute the outer layer, the dura mater, a thin middle layer called the Arachnoid and the inner most layer called the pia mater. * Dura mater give a protective shield for the brain and the spinal cord helps prevent the C.N.S. from gostling by fastening it to the skull. * Arachnoid mater is defined as a middle meninges layer that connect the dura mater & pia, mater. * The pia mater is composed of a rich supply of blood vessels to provide the Nervous tissue with nutrient. Pia mater usually cover the spinal cord and is made up of two layers. 	 (a) Hepatomegaly (b) Peripheral edema (c) Bilateral rales (d) Jugular venous distension (e) Not attempted GPSSB Jr. Pharmacist (08.05.2022) Ans. (c) : Bilateral rales is a sign or symptom of left sided heart failure. • Hepatomegaly is prominent in patients with chronic right-sided heart failure, but it may occur rapidly in acute heart failure. • Peripheral edema (PE) is an accumulation of fluid in
 (a) Stratified columnar epithelium (b) Simple cuboidal epithelium (c) Simple columnar epithelium (d) Stratified cuboidal epithelium 	 the interstitial space that occurs as the capillary filtration exceeds the limits of lymphatic drainage. 55. Tidal volume is equal to: (a) (Residual volume) + (Expiratory reserve)
(e) Not attempted GPSSB Jr. Pharmacist (08.05.2022) Ans. (b) : The ovarian surface epithelium, also called the germinal epithelium of waldeyer, or coelomic epithelium is a layer of simple squamous to cuboidal anithelial call covaring the ovary	 (b) (Total lung capacity) – (Vital capacity) (c) (Functional residual capacity) – (Expiratory reserve volume) (d) (Inspiratory capacity) – (Inspiratory reserve volume)
 51. Which of the following pairs of chemotherapeutic agents is most commonlyused as maintenance in the treatment of Acute Lymphoblastic Leukemia (ALL)? (a) Dauroribicin, Gemcitabine (b) Fludarabine Cyclophosphamide (c) Mereantopurine, Methotrevate 	(e) Not attempted GPSSB Jr. Pharmacist (08.05.2022) Ans. (d) : Tidal volume is equal to (Inspiratory capacity) – (Inspiratory reserve volume) inspiratory capacity is the total volume of air that can be inhaled after a normal expiration. includes tidal volume and inspiratory reserve volume IC = TV + 1RV.
(d) Vincristine, Imatinib GPSSB Jr. Pharmacist (08.05.2022) Ans. (c): Mereaptopurine Methotrexate pairs of	 56. β-cells of Pancreatic is lets secret (a) Insulin (b) Panereatic polypeptide
chemotherapeutic agents is most commonly used as maintenance in the treatment of Acute Lymphoblastic Leukemia (ALL).	 (c) Somatostatin (d) Glueagon (e) Not attempted
 (a) Serum + Plasma Proteins (b) Plasma (c) Blood - (RBCs - WBCs) (d) Blood - (Blood Cells + Plasma Proteins) (e) Not attempted 	Ans. (a) : The Pancreatic beta cells are Endocrine cells the synthetize, store and release insulin the anti- hyperglycemic hormone that antagonizes glucagon, Growth hormone. glucocorticosteroids epinephrine and other hyperglycemic hormones, to maintain circulating glucose concentrations within a narrow physiologic
Ans. (d) : Glomerular filtrate is equal to blood (Blood cells + Plasma Proteins).	range.Pancreatic polypeptide (PP) is an endogenus peptide hormone secreted by the cells, also called PP cells of the islets of langerhans of pancreas. Mostly
53. Chemoreceptor trigger zone is an area of the	 57. Carp metacarpal joint of the thumb is an avample of .
 (b) Cerebrum, Emesis (c) Cerebrum, Respiration (d) Medulla Oblongata, Emesis (e) Not attempted 	(a) Ball and socked joint (b) Saddle. joint (c) Hanger, joint (d) Pivot joint (e) Not Attempted
GPSSB Jr. Pharmacist (08.05.2022)	GI 55D JI. F HAI MACISE (00.05.2022)

 Ans. (b): The carpometacarpal joint is a synovial saddle-shaped joint that serves as the articulation between the trapezium and the base of the first metacarpal the joint's primary function is to optimize the pinch function of the hand. 58. Nose, pharynx, windpipe, trachia and lungs are located in	Adrenal glands, also known as suprarenal glands, are small triangular-shaped glands located on top of both kidneys. Adrenal glands produced hormones that help regulate our metabolism, immune system, blood pressure, response to stress and other essential functions. 62. Which of the following enzymes is repressed by the insulin hormone? (a) Pyruvate kinase (b) Glycogen veductase (c) Hexokinase (d) Glycogen synthase UP NHM Pharmacist (28.12.2022) Ans. (a) : The Pyruvate kinase exerts glucokinase-independent effects on insulin secretion pathways in B-
Ans. (d) : The respiratory system starts at the nose and mouth and continues through the airways and the lungs. • The excretory system is a vital biological system that removes excess and waste, products from the body to maintain homeostasis.	 cells. An exciting finding is that, by stealing the ADP required for oxphos, Pyruvate Kinase toggles mitochondria between ATP generation and PFP biosynthesis. 63. In NREM Sleep, Which part of brain is not involved?
• Cardiovascular system, which is made up of our heart and blood vessels is a crucial part of our body.	 (a) Dorsal raphe nucleus (b) Thalamus (c) Hypothalamus (d) Basal forebrain
59. Inere are isolated operable irregular	MP NHM Pharmacist-Contractual (04.08.2022)
(a) 20 (b) 15 (c) 24 (d) 10	Ans. (a) : IN NREM Sleep Dorsal raphe nucleus in not involved.
(0) 24 $(0) 10$	• NREM sleep involves a reduce heart rate, lower blood
Ans. (c) : There are 24 isolated operable irregular bone in the vertebral column. Vertebrae are the 33 individual bones that inter lock with each other to form the spinal column. The vertebrae are numbered and divided into regions-cervical. Thoracic, lumber, sacrum and coccyx. Only the top bones are moveable, the vertebrae of	• The dorsal raphe nucleus is located on the midline of the brainstem and in one of raphe nucleus. It has rostral and caudal subdivisions. The dorsal raphe in the largest serotonergic nucleus and provides a substantial proportion of the serotonin inneruation to the forebrain. 64. Melatonin is secreted by
sacrum and coccyx are fused. The vertebrae in each region have unique features that help them perform	(a) Hypothalamus(b) Pineal gland(c) Adrenal cortex(d) Melanocytes
their main functions.	MP NHM Pharmacist-Contractual (04.08.2022)
 60. Persons having blood group 'A' makes	Ans. (b) : Melatoninn is a hormone secreted by the enigmatic pineal gland in response to darkness, hence named as the hormone of darkness.
 Ans. (b) : Persons having blood group 'A' makes Anti-B. The Anti-A, Anti-B, and Anti-A,B, reagents are used in the red blood cell determination of the ABO blood 	 Melatonin found in plants and animals. It is primarily known in animals as a hormone.
group.	
 61. An organ that is not a component of the urinary system, is	N-[2-(5-methoxy- 1 H-indol-3-yl)ethyle]acetamide
Ans. (a) : An organ or structure that is not a component of the urinary system is the Adrenal gland. The urinary system consists of ureters, kidneys, nephrons, urinary bladder, and urethra.	65. Ventricles of brain are lined by (a) Ependymocytes (b) Astrocytes (c) Oligodendrocytes (d) Podocytes MP NHM Pharmacist-Contractual (04.08.2022)
• The ureter is a small tube, or duct that connects the bladder and kidneys. urine passes through the ureter from the kidneys to the bladder, the urethra is the tubular path that connects the bladder to the body's exterior, allowing urine to exit the body.	Ans. (a) : Ependymocytes are one of the three types of ependymal cells which in turn are one of the four principles types of glial cells, and are found lining ventricular system of the brain and the central canal of the spinal cord.

• Astrpcutes are specialized glial cells that outnumber	Where,
neurons by over fivefold, they contiguously tile the	Uinulin = Concentration of inulin in the urine.
entire CNS and exert many essential complex functions	Pinulm = Concentration of inulin in plasma.
in the healthy CNS.	Vu = Urine flow rate.
• Oligodenrocytes - These are the myelinating cells of	70 An example of flat hone
CNS.	(a) Compals (b) Kneedan
 Podocytes -> podocytes are terminally differentiated 	(a) Carpais (b) Kitcecap
cells of the kidney glomerulus that are essential for the	(c) Sternum (d) Skull bone
integrity of the kidney filter	UP NHM Pharmacist (29.12.2022)
	Ans. (c) : The sternum is a partially T. Shaped vertical
66. Arch of aorta lies at what vertebral level?	bone that forms the anterior portion of the chest wall
(a) T5 (b) T4	centrally. The sternum of the sternum is divided
(c) T6 (d) T2	anatomically into three segments.
MP NHM Pharmacist-Contractual (04.08.2022)	The sternum connects the ribs via the costal cartilages
Ans. (b) : The initial portion of the aorta ascending	forming the anterior rib cage.
behind the sternum is referred to as the ascending aorta	71. Erythropoietin is produced by
extends approximately to the level of the T_4 vertebral	(a) Liver (b) Lungs
body. From this point, it is known as the aortic arch.	(a) Bone marrow (d) Kidney
67. Which veins drain directly into inferior vena	(c) Bone marrow (d) Kluney
cava?	MIP NHM Pharmacist-Contractual (04.08.2022)
(a) Superior mesentric vein	Ans. (d) : Erythropoietin (EPO) is a glycoprotein
(b) Inferior mesentric vein	hormone, naturally produced by the peritubular cells of
(c) Hepatic vein	the kidney, that stimulates red blood cells production.
(d) Splenic vein	Renal cortex peritubular cells produce most EPO in the
MP NHM Pharmacist-Contractual (04.08.2022)	human body. PO ₂ directly regulates EPO production.
Ans. (c) : Hepatic Vein→	The lower the PO_2 . the greater the production of EPO.
The hepatic vein carried the blood away from the	72. Which among the following is a light receptor
inferior vena cava, which leads to the right atrium, one	protein synthesized by vitamin A for night
of the four chambers of the heart.	vision?
• They are usually there-	(a) Globul in (b) Lipoprotein
RHV, MHV and LHV.	(c) Chromoprotein (d) Rhodopsin
RHV, MHV and LHV.Vena cava is the largest vein in the body.	(c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022)
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and 	(c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans (d) · Vitamin A is a precursor of rhodopsin the
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. 	(c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our even
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A "night"
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs vitamin A is a fat soluble vitamin and
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Phodopsin also known as visual purple, is a protein
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor.
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant (b) : The spleen is part of our lymphatic system. Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord?
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord?
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. Thew many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist Contractual (04.08.2022)
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant (d) Right lower quadrant (e) The spleen is part of our lymphatic system. Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. Thew many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022)
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant (d) Right lower quadrant (e) The spleen is part of our lymphatic system. Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Sacration flow 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (a) Tubular racharmtion rate 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. T3. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord.
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular secretion flow (c) Tubular reabsorption rate 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two how how how how how how how how how how
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (c) Tubular reabsorption rate (d) Renal plasma flow 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (c) Tubular reabsorption rate (d) Renal plasma flow 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter is formed by neuron cell bodies (soma). Grey matter
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (c) Tubular reabsorption rate (d) Renal plasma flow MP NHM Pharmacist-Contractual (04.08.2022) 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter is formed by neuron cell bodies (soma). Grey matter present in outer surface of cerebrum & cerebellum.
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant (d) Right lower quadrant Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (c) Tubular reabsorption rate (d) Renal plasma flow MP NHM Pharmacist-Contractual (04.08.2022) 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter is formed by neuron cell bodies (soma). Grey matter present in outer surface of cerebrum & cerebellum. In brain stem grey matter is located in groups of
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (c) Tubular reabsorption rate (d) Renal plasma flow MP NHM Pharmacist-Contractual (04.08.2022) Ans. (a) : Inulin clearance is measure of Glomerular filtration rate. Glomerular filtration is the process that takes place in the kidney. It is a process that involves	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter is formed by neuron cell bodies (soma). Grey matter present in outer surface of cerebrum & cerebellum. In brain stem grey matter is located in groups of neurons called nuclei, embedded with white matter
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (c) Tubular reabsorption rate (d) Renal plasma flow MP NHM Pharmacist-Contractual (04.08.2022) 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter is formed by neuron cell bodies (soma). Grey matter present in outer surface of cerebrum & cerebellum. In brain stem grey matter is located in groups of neurons called nuclei, embedded with white matter tracts. (Ex→ Basal ganglia)
 RHV, MHV and LHV. Vena cava is the largest vein in the body. 68. The spleen is located under the ribcage and above the stomach in the of the abdomen. (a) Left upper quadrant (b) Left lower quadrant (c) Right upper quadrant (d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system. The spleen is a fist-sized organ found in the upper left side of our abdomen, next to our stomach and behind our left ribs. We can survive without it but it is an important part of our immune system. 69. Inulin clearance is a measure of (a) Glomerular filtration rate (b) Tubular Secretion flow (c) Tubular reabsorption rate (d) Renal plasma flow MP NHM Pharmacist-Contractual (04.08.2022) Ans. (a) : Inulin clearance is measure of Glomerular filtration rate. Glomerular filtration is the process that takes place in the kidney. It is a process that involves the filtration of blood and the removal of waste takes 	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter is formed by neuron cell bodies (soma). Grey matter present in outer surface of cerebrum & cerebellum. In brain stem grey matter is located in groups of neurons called nuclei, embedded with white matter tracts. (Ex→ Basal ganglia) Grey matter is the outer parts of the brain & inner
RHV, MHV and LHV.• Vena cava is the largest vein in the body.68. The spleen is located under the ribcage and above the stomach in the of the abdomen.(a) Left upper quadrant(b) Left lower quadrant(c) Right upper quadrant(d) Right lower quadrant MP NHM Pharmacist-Contractual (04.08.2022) Ans. (b) : The spleen is part of our lymphatic system.The spleen is a fist-sized organ found in the upper leftside of our abdomen, next to our stomach and behindour left ribs. We can survive without it but it is animportant part of our immune system.69. Inulin clearance is a measure of(a) Glomerular filtration rate(b) Tubular Secretion flow(c) Tubular reabsorption rate(d) Renal plasma flowMP NHM Pharmacist-Contractual (04.08.2022)Ans. (a) : Inulin clearance is measure of Glomerularfiltration rate. Glomerular filtration is the process thattakes place in the kidney. It is a process that involvesthe filtration of blood and the removal of waste takesplace.GFR = Uinulin(Vu)Disputing	 (c) Chromoprotein (d) Rhodopsin MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : Vitamin A is a precursor of rhodopsin, the photo pigment found in rods within retina of our eye that helps us to see at night. Without vitamin A, "night blindness' occurs. vitamin A is a fat soluble vitamin and found in many supplements and foods. Rhodopsin also known as visual purple, is a protein encoded by the RHO gene and a G-protein-coupled receptor. 73. How many laminae are present in the grey matter of spinal cord? (a) 8/8 (b) 9/9 (c) 7/7 (d) 10/10 MP NHM Pharmacist-Contractual (04.08.2022) Ans. (d) : 10 (1-x) laminae are present in the grey matter of spinal cord. Structure of brain & spinal cord are arranged in two layers namely grey matter & white matter. Grey matter is formed by neuron cell bodies (soma). Grey matter present in outer surface of cerebrum & cerebellum. In brain stem grey matter is located in groups of neurons called nuclei, embedded with white matter tracts. (Ex→ Basal ganglia) Grey matter is the outer parts of the brain & inner parts of the spinal cord but white matter is present in

asis a gastrointestinal illness caused by ea(a) Spinal nerves(b) Cranial nerves(c) Temporal nerves(d) Frontal nervesstaphylococcus aureus staph bacteria.	d poisoning ating foods e bacterium
MP NHM Pharmacist-Contractual (04.08.2022)79.Cere brosides areAns. (b) : In central nervous system, the nerves that arise from cerebrum and brain stem are called as cranial nerves. The cranial nerves are a set of 12 paired nerves79.Cere brosides are(a) Sulpholipids(b) Phosphol (c) Drived lipids(d) GlycolipUP NHM Pharmacist	olipids pids (28.12.2022)
in the back of our brain cranial nerves send electrical signal to our brain. Face, neck and torso. Our cranial nerves help us taste smell, hear and fell sensations. These also help us to make facial expressions, blink our	glycolipids/ is linked to
 eyes and move our tongue. 75. Creatinine clearance is used as a measurement of (a) Renal excretion rate. (b) Which one of the following statem for-cancer cells (a) Oncoproteins produced by cance neighboring cells 	r cells act a
 (a) Relation Rate (b) Glomerular Filtration Rate (c) Active renal secretion (b) Cancer cells require stimulation factors (c) (c) Cancer cells are highly sensitiv 	by growth e to growth
(d) Passive renal absorption MP NHM Pharmacist-Contractual (04.08.2022) (d) Cancer cells produce Oncoprot (d) Cancer cells produce Oncoprot	eins in the
of Glomerular Filtration Rate(GFR). The creatinine clearance test helps provide information about how well Ans. (a) : Cancer cells:-	(15.05.2022)
the kidneys are working. The test compares the creatinine level in urine with the creatinine level in blood. This test requires both a urine sample and blood sample.	n to grow. cop dividing ead to other
 76. In healthy adult, glomercular filtration rate is Hide from the immune system, that eliminates damaged or abnormal cells. 	t normally
(a) 125 mi/min (b) 80 mi/min (c) 180 mi/min (d) 50 mi/min UP NHM Pharmacist (28,12,2022) Stay a Live and grow.	cancer cells
Ans. (a) : In a healthy person the GFR is about 125 ml/min, which makes 180 liters per day. • Mutations destroy telomerase intibitor. 81. Human Serum Albumin has a	molecular
77. A large number of cells present in nervous system, is called weight of Or (a) 34,000 (b) 65,000 (c) 44,000 (d) 59,000	
Which of the following is a part of the nervous AMC Pharmacist ((15.05.2022)
System:Ans. (b) : The human serum albumin i abundant protein in the human body. The weight of human serum albumin is 65,000 D	s the most e molecular alton.
UP NHM Pharmacist (28.12.2022) 82. Which of the following will rest	ılt in very
BSSC Pharmacist (2018) closest value to the Glomerular	Filteration
Ans. (d) : The nervous system is made up of neurons, Rate (GFR)?	
or electrical signals and glia cells that provide support (a) Insulin Clearance	
functions for the neurons by playing an information (c) Measure of Blood Urea Nitrogen	(BUN)
processing role that is complementary to neurons. (d) Creatinine Clearance	(2011)
78. Which of the following type of food poisoning is AMC Pharmacist	(15.05.2022)
caused by staphylococcus aureus? Ans. (d): The creatinie clearance	(crcl) rate
(a) Autoimmune chronic gastritis approximates the calculation of Glomerul	ar filtration
(b) Helicobacter associated rate (GFR) since the glomerulus freely filters	s creatinine.
(c) Acute gastritis (d) Peptic ulceration UP NHM Pharmacist (28.12.2022) However it is also secreted by the per tubula causing crcl to overestimate the GFR by ap 10% to 20%	r capillaries proximately

 83. The term coronary artery disease is used to designate all of the following conditions, EXCEPT (a) Angina Pectoris 	88. All the following causes hyperglycemia except (a) Streptozotocin (b) Diazoxide (c) Glucagon (d) Miglitol VSSC Pharmacist-A (07 11 2021)
(b) Sudden cardiac death	Ans (d). Miglital is an oral alpha-gluconsidase
(c) Congestive Heart Failure (CHF)	inhibitor used to improve glycemic control by delaying
(d) Myocardial Infraction	the digestion of carbohydrate. Miglitol inhibits the
Kerala PSC Pharmacist Gr.III (22.12.2021)	breakdown complexes carbohydrate in to glucose.
Ans (c) · Heart failure also known as congestive heart	Miglitol is used to treat high blood sugar levels that are
failure is a condition that develops when your heart	caused by type 2 diabetes.
doesn't pump enough blood for our body's needs this	89. Endothelium dependent relaxing factor of
can happen if our heart can fill up with enough blood. It	
can also happen when our heart is too weak to pump	(a) Acetyl Choline (b) Nor adrenaline (a) Nitria avida (d) Nara of the abava
properly.	VSSC Pharmacist A (07 11 2021)
\rightarrow Angina pectoris is the medical term for chest pain or discomfort due to coronary heart discose	Ans (a) : Endothelium dependent relaying factor of
A sudden cardiac death (SCD) is by unexpected and	blood Nitric oxide
\rightarrow sudden cardiac death (SCD) is by unexpected and cardiac in nature	Endothelium dependent relaxation occurs in resistance
84 Which of the following isotone is used to study	vessels as well as in larger arteries and is generally
the functioning of thyroid gland?	more pronounced in arteries platetet aggregation and
(a) Iodine 135 (b) Iodine 133	adhesion to the blood vessel wall.
(c) Iodine 123 (d) Iodine 127	90. Thromboxane is mainly synthesized by
GMC Pharmacist (08.08.2021)	(a) Lungs (b) Spleen
Ans. (c) : Iodine-123 (or I-123) is a radio-isotope of	(c) Platelets (d) Endothelium
iodine used for evaluation of the thyroid function and	VSSC Pharmacist-A (07.11.2021)
morphology. It is used in nuclear medicine for the	Ans. (c): I hromboxane is mainly synthesized by
diagnostic study of thyroid disease.	platelets. Infomboxanes, a substance produced by
85. Which of the following releases renin?	blood clots inside the vascular system, this has been
(a) Cells of Juxta-glomerular apparatus	implicated in many cardiovascular conditions ranging
(b) Cells of Justa-medullary apparatus	from heart attack to stroke
(c) Gastric glands of infants (d) Crumta of Lieborkuhn	91 Identify the method of metabolism of
(d) Crypts of Lieberkunn CMC Pharmacist (08 08 2021)	salicylates in our body.
Ans (a) · The just adomerular cells are stimulated to	(a) Hydroxylation (b) Reduction
secrete renin by three mechanism all of which are	(c) Conjugation with glucuronic acid
activated in response to decreased extracellular fluid	(d) Oxidation
volume. Macula densa cells stimulate Juxtaglomerular	Kerala PSC Pharmacist Gr.II (04.01.2021)
cells to release renin when they detect a drop in sodium	Ans. (c) : metabolism of salicylates occurs through
concentration in the tubular fluid.	glucuronidation and by conjugation to salcyluric acid.
86. Bile is produced by	Liver metabolizes salicylates by first order elimination,
(a) Gallbladder (b) Liver	and the inactive metabolites are then excreted in the
(c) Pancreas (d) Intestine	urine.
VSSC Pharmacist-A (07.11.2021)	92. Which is used in cheese manufacturing as a
Ans. (b) : Bile is a physiological aqueous solution	substitute of rennin?
product and secreted by the liver. It consists mainly of	(a) Papain (b) Collagenase
bile salts phospholipids, cholesterol, conjugate	(c) Pepsin (d) Ulokinase Korala BSC Bharmanist Cr II (04.01.2021)
billirubin electrolytes and water bile travels through the	Ang (a) + Dangin is used in chaose manufacturing as
liver in series of ducts. Eventually exiting through the	substitute of rennin The key & characteristics step in
common nepatic duct.	the manufacture of rennet coagulated cheeses is the
87. Largest organ is the body is	coagulation of milk through the limited proteolytic
(a) Liver (b) Skin	action certain proteinases, called rennnets. Several
(c) Bone (d) Lungs	proteinases can coagulate milk but only a few are
$\mathbf{VSSU Pharmacist-A} (0/.11.2021)$	suitable for cheese production. This led to a search for
Ans. (b) : Largest organ is the body is skin. It can seem	successful boying pensin and proteinases from the
unseen The skin made up of three of the layers the	fungi R. meihei, R. pusillus and C. parasitica.
Epidermis the Dermis and hypodermis is an external	All successful rennet substitutes are aspartyl (acid)
organ.	proteinases.

93. The cardiovascular disease associated with the disorder of heart rate or rhythm is called:	Ans. (b) : Mitochondria is known as the "powerhouse of the cell"
(a) Arrhythmia(b) Myocardial infarction	• It is a double membrane bound organelle found in
(c) Angina pectoris	most eukaryotic organisms.
(d) Ischemia	• They play a major role in breaking down nutrients and
Gujarat VMC Pharmacist (28.03.2021)	the biochemical reactions involved in cellular
Ans. (a) : A heart arrhythmia is an irregular heartbeat.	respiration take place within the mitochondria.
Heart rhythm problems occur when the electrical	• It was discovered by a German pathologist named
properly. The faulty signaling causes the heart to beat	Richard Altman in year 1890.
too fast or irregularly.	98. Which of the following hormones inhibits the secretion of insulin glucagon and growth
speed of the heart rate, for example -	hormone?
• Tachycardia is a fast heart. The resting heart rate is greater than 100 hearts a minute	(a) Somatostatin (b) thyroxin (c) Meletonin (d) Serotonin
Bradycardia is a slow heartheat. The resting heart rate	Gujarat VMC Pharmacist (28 03 2021)
is less than 60 beats a minute.	Ans (a). The hypothalamus secretes sometostatin an
94. mRNA is synthesized in the nucleus as :	inhibitory hormone.
(a) tmRNA (b) snRNA	• Somatostatin commonly known as growth inhibiting
(c) scRNA (d) hnRNA	hormone, prevents the pituitary gland from secreting
Gujarat VMC Pharmacist (28.03.2021)	GH.
Ans. (d) : hn RAN stands for heterogenous nuclear	• It has been shown to suppress GI, endocrine, exocrine,
nucleotide sequences II and processed in the nucleus to	pancreatic and pituitary secretions, as well as
become cytoplasmic mRNAs.	neurotransmission and memory formation in the CNS.
• The hn RNA that is associated with proteins from the	99. The condensation of chromation and shrinkage
heterogenous nuclear ribonucleoprotein (hn RNP)	of the nucleus leading to cell death is termed
95. Which of the following is a catecholamine/	as:
(a) Inyroxine (b) Melanine (c) Tyramine (d) Donamine	(a) Karyorrhexis (b) Pyknosis
Guiarat VMC Pharmacist (28.03.2021)	(c) Karyolysis (d) Autophagy
Ans. (d) : Dopamine, adrenaline and noradrenalin are	Gujarat VMC Pharmacist (28.03.2021)
all catecholamine's.	Ans. (b): Pyknosis is the process of nuclear shrinkage.
• Catecholamine's are hormones that the brain, nerve	nucleus of a cell wall undergoing necrosis or apoptosis
tissue, and adrenal glands produce.	• By following the progression of necrotic nyknosis we
• The body releases catecholamine's in response to	surprisingly observed a transient state of chromatin
emotional or physical stress.	detachment from the nuclear envelop followed by the
• Catecnolamine's are responsible for the body's "fight or flight" response	nuclear envelope completely collapsing into chromatin.
96 Which of the following is a plasma kinin?	100. Which of the following is a female sex
(a) Kallidin (b) Serotonin	hormone?
(c) Histamine (d) Rennin	(a) Stilbesterol (b) Testisteribe
Gujarat VMC Pharmacist (28.03.2021)	(c) Estrogen (d) Benzesterol
Ans. (a) : Kallidin is a bioactive kinin formed in	Gujarat VMC Pharmacist (28.03.2021)
response to injury from kininogen precursors through	Ans. (c): Estrogens are a group of hormones that play
the action of kallikreins.	Reproductione development in female
• The activation of plasma kallikrein - kinin leads to the	• In addition to regulation the menstrual cycle, estrogen
activation of several sequential effector proenzymes	affects the reproductive tract, the urinary tract, the heart
resulting in the induction of genes and activation of biomolecules involved in the molecular mechanisms of	and blood vessels, breasts, skin pelvic muscle etc.
vasodilation , blood coagulation and fibrinolysis	• Some hereditary and other conditions can lead to high
97. The powerhouse of the cell is ·	levels of estrogen in male which can results in :
(a) Golgi Bodies (b) Mitochondria	• Infertility
(c) Ribosomes (d) Nucleus	• Erectile dysfunction.
C_{1} + M_{1} = M_{1} = M_{2} = = M_{2	• Longer breasts, known as gynecomastia

101.Indicate muscles, which are more resistant to block recover more arapidly (a) Hand (b) Leg (c) Neck (d) Diaphragm Gujarat VMC Pharmacist (28.03.2021)	107. Loss of muscle tone occurs instage. (a) Stage I (b) Stage II (c) Stage III (d) Stage IV HPSSC Pharmacist (12.12.2020) Ans. (c) : loss of muscle tone occurs in stage - III .
Ans. (d) : The diaphragm is the most highly resistant muscle to NMBAs as well as the first to recover but the occurrence of its dysfunction has been implicated in postoperative regiratory failure especially when	Muscle tone is the amount of tension (or resistance to movement) in muscles. Our muscle tone help us to hold our bodies upright when we are sitting and standing.
mechanical ventilation is prolonged. Therefore studying diaphragmatic function in a preoperative context is extremely important.	 (a) Skeletal system (b) Articular system (c) Integumentary system
102. Active immunity may be gained by (a) Vaccines(b) Toxoids(c) Natural infection(d) All of these	(d) Circulatory system HPSSC Pharmacist (12.12.2020)
HPSSC Pharmacist (12.12.2020) Ans. (d) : Active immunity results when exposure to a disease organism triggers the immune system to produce antibodies to that disease. Active immunity may be acquired by natural infection, vaccination or by empiricate the immune system.	Ans. (d) : Anglology deals with circulatory system of our body. It is the branch of science which deals with the study of blood vessels, under this branch of medical science diagnosis and treatment of diseases associated with the circulatory system and the lymphatic system. 109. Function of Golgi apparatus is
103. Life span of W.B.C. in human is(a) 7 days(b) 50 days(c) 100 days(d) None of theseHPSSC Pharmacist (12.12.2020)	 (a) Synthesis of ribosomes (b) Synthesis of proteins (c) Breakdown of toxic substance (d) Transport of proteins
Ans. (a) : White blood cells (WBCs) protect the body from infections and foreign particles WBCs are irregular and colorless cells with a nucleus, their life span is very short and ranges from few hours to maximum 20 days only.	Ans. (d) : The cell organelle , which is known as golgi body or golgi- apparatus, helps in transporting, modifying and packaging proteins and lipids into vesicles for delivery to the targeted destinations Golgi - body is membrane bound organelle of eukaryotic cell
104. Which of the following lack blood Supply?(a) Bone(b) Connective tissue(c) Cartilage(d) None of theseHPSSC Pharmacist (12.12.2020)	110. Total number of phalanges in upper limb is(a) 10(b) 14(c) 20(d) 28
Ans. (c) : Cartilage is a strong flexible connective tissue that protects our joints and bones. It is a firm tissue but is soften and much more flexible than bone. Cartilage lacks blood supply as it has no blood vessels nerves, of lymphatics.105. Plasma has water to the extent of (a) 60%(b) 70%	HPSSC Pharmacist (12.12.2020) Ans. (d) : The bones in the fingers and toes were first called phalanges by Greek philosopher Aristotle because they are arranged in ranks suggesting the military formation Each of human hand has 14 phalanges and therefore both hands of upper limb have a total of 28 phalanges.
(c) 80% (d) 90% HPSSC Pharmacist (12.12.2020)	111. Lymphocytes accounts for what percent of leucocytes in normal adults?
Ans. (d) : Solid part of blood is composed of red blood cells (RBCs), white blood cells (WBCs) and platelets. The fluid (or liquid) part of blood is known as plasma and is a straw cloloured , viscous fluid and containing 90 to 92% of water and 6 to 8% proteins.	(a) 15 (b) 30 (c) 60 (d) 90 HPSSC Pharmacist (12.12.2020) Ans. (b) : Lymphocytes are a type of white blood cell that develop in the bone marrow. A normal range of lymphocytes percentage is 18-45% of total leucocytes
106. Nissl granules occur in (a) Bone cells (b) Mast cells (c) Nerve cells (d) Chondrocytes HPSSC Pharmacist (12.12.2020)	in normal adults. 112. Which one of the following is not a function of lymphatic system? (a) Return tissue fluid to blood stream
Ans. (c) : Nissl's granules are the large granular body found in neurons (or- nerve cells). These granules are rough endoplasmic reticulum (RER) with rosettes of free rebosomes and are the sites of protein synthesis.	 (b) Transport of dietary protein (c) Transport of fats (d) Protection of body from foreign material HPSSC Pharmacist (12.12.2020)

Ans. (b): Lymphatic system is the part of are body 's immune system, it helps in managing the fluid levels in the body, react to bacteria deals with cancer cells , lymphatic system also absorbs some of the fats in our diet from the intestine but not proteins, therefore transport of dietary protein is not the function of lymphatic system.

113. The incorrect statement about heart is

- (a) Heart has three valves
- (b) Heart has three layers
- (c) Heart had four chambers
- (d) Heart is located in thoracic cavity

HPSSC Pharmacist (12.12.2020)

Ans. (a): Human heart is a fist-sized organ that contains form main sections (chambers) mode of muscle. There are four valve in the human heart : aortic valves, mitral valve, tricuspid valve, and pulmonary valve. Heart walls have three layers: Endocardium (inner layer), myocardium (muscular middle layer) and third Epicardium (protective outer layer), our heart is located in the thoracic cavity (a space in the chest that contains other organs as lungs esophagus, trachea and thymus).

114. Which vein drain abdomen?

- (a) Coronary sinus (b) Superior vena cava
- (c) Inferior vena cava (d) None of these
 - HPSSC Pharmacist (12.12.2020)

Ans. (c) : The inferior vena cava (IVC) drains venous blood from the lower trunk, abdomen, pelvis and lower limbs to the right artrium of the heart .The inferior vena cava is formed by the confluence of two common iliac veins at L-5 vertebral level.

115. Choose the correct statement about bronchus.

- (a) The right bronchus is wider
- (b) The left bronchus is shorter
- (c) The right bronchus is more vetical
- (d) The left bronchus divides into two

HPSSC Pharmacist (12.12.2020)

Ans. (a) : Bronchi is a wind pipe that distribute the air within our lungs. The key difference between right and left bronchus is that the right bronchus is shorter and wider while the left bronchus is longer and narrower.

Note : According to the commission right answer is (b).

116. How many pairs of intercostals muscles are present?

(a) 11	(b) l	2
(c) 13	(d) 1	4

(d) 14 HPSSC Pharmacist (12.12.2020)

Ans. (a) : There are 11 pairs of intercostal muscles present is intercostal spaces, these are many different groups of muscles that run between the ribs and help form and move the chest wall. There are 3 groups : external, internal and innermost intercostal muscles.

117. The proximal convoluted tubules lies in (a) Renal medulla (b) Renal sinus

(c) Renal cortex (d) Renal pelvis

HPSSC Pharmacist (12.12.2020)

Ans. (c): The proximal convoluted tubule (PCT) is located in the renal cortex. PCT is a segment of the renal tubule responsible for the reabsorption and secretion of various solutes and water.

118. Sarcolemma refers to

- (a) Cytoplasm of skeletal muscle
- (b) Mitochondria of skeletal muscle
- (c) Endoplasmic reticulum of skeletal muscle
- (d) Membrane of skeletal muscle

HPSSC Pharmacist (12.12.2020)

Ans. (d) : The plasma membrane of a skeletal muscle fiber is called sarcolemma. It consists of a lipid bilayer and a thin outer coat of polysaccharide material (glycocalyx) that contacts the basement membrane.

- 119. Main muscle of shoulder is
 - (a) Trapezius (b) Gluteus
 - (c) Deltoid (d) Suprasinatus

HPSSC Pharmacist (12.12.2020)

Ans. (c) : Deltoid muscles are the main muscles of our shoulder has ball-and -socked joint that connects the arm to the trunk of are body. Deltoid muscles help to move our arms in different directions. These muscles protect and stabilize the shoulder joint,

- 120. Human being have____ number of Parathyroid
glands.
(a) 2
(c) 6number of Parathyroid
(b) 4
(d) 8
 - HPSSC Pharmacist (12.12.2020)

Ans. (b) : There are two pairs i.e 4 parathyroid glands found in human body, these are oval shaped glands located next to the two thyroid gland lobes in the neck , Each of these gland is usually about the size of a pea. The parathyroid glands produce a hormone that regulates the amount of calcium in the blood.

121. Percentage of bicarbonate reabsorbed in proximal convoluted tubule is

- (a) 15 20% (b) 30 35%
- (c) 55-60% (d) 85-90%

HPSSC Pharmacist (12.12.2020)

Ans. (d) : The kidneys have two main ways to maintain acid base balance their cells reabsorbs bicarbonate HCO_3^- from urine back to the blood. Abort 85 to 90% of the filtered bicarbonate is reabsorbed in the proximal tubule. Proximal renal tubule is the major site for HCO_3^- reabsorption.

122. CAMP acts as 2nd messenger for the following except:
(a) TSH
(b) Insulin

(d) FSH

NCL Pharmacist (08.11.2020)

Ans. (b) : CAMP acts as 2^{nd} messenger are TSH, LH, FSH, Glucagon epinephrine & norepinephrine. But insulin is not 2^{nd} messenger. It is receptor Tyrosine kinase. Insulin hormone is secreted by β -cells of langerhans of pancreases. Insulin is controlled glucose level in the blood. Insulin converted Glucose into glycogen.

(c) LH

Ans. (d) : Drugs contraindicated in pregnancy are medicines that should be avoided by pregnant women. Since they carry a cancer for teratogenicity or there is on indication for their use during. The use of ACE inhibitor during the second and third pumber of serious foetal malformation including oligohy dramnios foetal and neonatal renal failure, bony malform actions limb contractures, pulmonary hyperplasia, prolonged hypotension and neonatal death.(d) Glomerular filtration rate is high. GPSC Asst. Professor Pharmacist (23.01.2021)Ize. The use of ACE inhibitor during the second and third pulsophy dramnios foetal and neonatal renal failure, bony malform actions foetal and neonatal death.(d) Glomerular filtration rate is high. GPSC Asst. Professor Pharmacist (23.01.2021)Ize. Prostaglandin derivatives are used in the following conditions except: (d) PDA(a) Cervical ripening (b) As an abortifacient (c) PDANcl. Pharmacist (08.11.2020)(b) Thyroxin is the main hormone is not synthesized by pancreas.Ize. Prost-marketing surveillance (d) Post-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (c) Therapeutic confirmation (c) Therapeutic confirmation (c) Therapeutic confirmation (d) Post-marketing surveillance (c) Therapeutic confirmation (c) Therapeutic confirmation (c) These trials look for effects that were not scen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trial and post-marketing surveillance trial.Mas. (d) : These trials look for effects that were not scen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trial and pos	pregnancy:(a) Labetalol(b) Hydralazine(c) Nifedipine(d) ACE inhibitorsNCL Pharmacist (08.11.2020)	 longer in neonates than in adults because (a) Intestinal transit is fast. (b) Drug metabolizing enzymes are overactive. (c) Tubular transport mechanisms are not well
 (c) Glucagon (d) Insulin (d) Post-marketing surveillance (e) These trials and may also study now well a new treatment works over a long period of time. Phase IV (f) These trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 	Ans. (d) : Drugs contraindicated in pregnancy are medicines that should be avoided by pregnant women. Since they carry a cancer for teratogenicity or there is on indication for their use during. The use of ACE inhibitor during the second and third trimesters of pregnancy has been associated with a number of serious foetal malformation including oligohy dramnios foetal and neonatal renal failure, bony malform actions limb contractures, pulmonary humerplacie	developed. (d) Glomerular filtration rate is high. GPSC Asst. Professor Pharmacist (23.01.2021) Ans. (c) : The duration of action of Cephalosporin is longer in neonates than in adults because in neonates tubular transport mechanisms are not well developed. 129. Which of the following hormone is not synthesized by Pancreas? (a) Gastrin (b) Thyroxin
 In the second time and matrix and matrix and maintenance of bones. In the second time and time	124 Prosteglandin derivatives are used in the	(c) Glucagon (d) Insulin
 (a) Cervical ripening (b) As an abortifacient (c) NSAID induced peptic ulcer (d) PDA Mns. (d) : Patent duct us aiteriosus (PDA) is a persistent opening between the two major blood vessele leading from the heart. The heart problem is present from birth, called the ducts arteriasus is part of a baby's blood flow system in the womb. 125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (e) These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 	following conditions except:	Gujarat JMC Jr. Pharmacist (19.06.2021)
 (b) As an abortifacient (c) NSAID induced peptic ulcer (d) PDA NCL Pharmacist (08.11.2020) Ans. (d) : Patent duct us aiteriosus (PDA) is a persistent opening between the two major blood vessele leading from the heart. The heart problem is present from birth, called the ducts arteriasus is part of a baby's blood flow system in the womb. 125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (e) Therapeutic confirmation (d) Post-marketing surveillance (e) These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. Nucle pharmacist (08.11.2020) Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 	(a) Cervical ripening	Ans. (b) : Thyroxin hormone is not synthesized by
 (c) NSAID induced peptic ulcer (d) PDA MCL Pharmacist (08.11.2020) Ans. (d) : Patent duct us aiteriosus (PDA) is a persistent opening between the two major blood vessele leading from the heart. The heart problem is present from birth, called the ducts arteriasus is part of a baby's blood flow system in the womb. 125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (e) These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. Nucle Pharmacist (mathematic mathematic mathematic product and post-marketing surveillance trial. Nucle Pharmacist (mathematic mathematic mathematic	(b) As an abortifacient	pancreas.
 (d) PDA NCL Pharmacist (08.11.2020) Ans. (d) : Patent duct us aiteriosus (PDA) is a persistent opening between the two major blood vessele leading from the heart. The heart problem is present from birth, called the ducts arteriasus is part of a baby's blood flow system in the womb. 125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (e) Therapeutic confirmation (d) Post-marketing surveillance (e) These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 126. Phase four clinical trial and post-marketing surveillance trial. 127. Phase four clinical trial and post-marketing surveillance trial. 128. Phase four clinical trial and post-marketing surveillance trial. 129. Phase 4 clinical trial and post-marketing surveillance trial. 	(c) NSAID induced peptic ulcer	Thyroxin is the main hormone secreted into the
NCL Pharmacist (08.11.2020)Ans. (d) : Patent duct us aiteriosus (PDA) is a persistent opening between the two major blood vessele leading from the heart. The heart problem is present from birth, called the ducts arteriasus is part of a baby's blood flow system in the womb.130. Tetanus is related to – 1. Skeletal muscle fibers. 2. Locking of jaw. 3. Food habits.125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (d) Post-marketing surveillance (d) Post-marketing surveillance (d) Post-marketing surveillance (d) Post-marketing surveillance (d) Post-marketing surveillance (d) Post-marketing surveillance (e) Therapeutic confirmation (d) Post-marketing surveillance (e) Therapeutic confirmation (f) Prepost-marketing surveillance (f) Prepost-marketing surveillance (f) Prepost-marketing surveillance (f) Prepost-marketing surveillance 	(d) PDA	digestion heart and muscle function brain development
 Ans. (d): Patent duct us aiteriosus (PDA) is a persistent opening between the two major blood vessele leading from the heart. The heart problem is present from birth, called the ducts arteriasus is part of a baby's blood flow system in the womb. 125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance Ans. (d): These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 	NCL Pharmacist (08.11.2020)	and maintenance of bones.
 In the work of the two major blood vessele leading from the heart. The heart problem is present from birth, called the ducts arteriasus is part of a baby's blood flow system in the womb. I25. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance (e) These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. Is the trian trian and post-marketing surveillance trial. Is the trian trian and post-marketing trian and post-marketing surveillance trial. 	Ans. (d) : Patent duct us aiteriosus (PDA) is a persistent	130. Tetanus is related to –
 2. Locking of jaw. 3. Food habits. 2. Locking of jaw. 3. Food habits. (a) 1 and 2 only (b) 1 and 3 only (c) 2 and 3 only (d) 2 and 3 (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance Mas. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 2. Locking of jaw. 3. Food habits. (a) 1 and 2 only (d) 2 and 3 Gujarat JMC Jr. Pharmacist (19.06.2021) Ans. (A) : Tetanus is related to skeletal muscle fiber and locking of jaw. Tetanus is an infection caused by a bacterium called clostridium tetani. When these bacteria enter the body, they produce a toxin that causes painful muscle contractions. Another name of tetanus is "Lockjaw". It often causes a person's neck and jaw muscles to lock, making it hard to open the mouth or swallow. 	from the heart. The heart problem is present from hirth	1. Skeletal muscle fibers.
 system in the womb. 125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance NCL Pharmacist (08.11.2020) Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 3. Food habits. (a) 1 and 2 only (b) 1 and 3 only (c) 2 and 3 only (d) 2 and 3 Gujarat JMC Jr. Pharmacist (19.06.2021) Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 126 Extérior provide the section cause the mouth or swallow. 	called the ducts arteriasus is part of a baby's blood flow	2. Locking of jaw.
 125. Phase four clinical trials are also called: (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. (a) 1 and 2 only (b) 1 and 3 only (c) 2 and 3 only (d) 2 and 3 (e) 2 and 3 only (f) 2 and 3 (g) 2 and 3 (h) 4 and locking of jaw. Tetanus is related to skeletal muscle fiber and locking of jaw. Tetanus is an infection caused by a bacterium called clostridium tetani. When these bacteria enter the body, they produce a toxin that causes painful muscle contractions. Another name of tetanus is "Lockjaw". It often causes a person's neck and jaw muscles to lock, making it hard to open the mouth or swallow. 126. Estimate antick there advances a person's neck and jaw muscles to lock, making it hard to open the mouth or swallow.	system in the womb.	3. Food habits.
 (a) Human Pharmacology and safety (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance NCL Pharmacist (08.11.2020) Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. (c) 2 and 3 only (d) 2 and 3 Gujarat JMC Jr. Pharmacist (19.06.2021) Ans. (A) : Tetanus is related to skeletal muscle fiber and locking of jaw. Tetanus is an infection caused by a bacterium called clostridium tetani. When these bacteria enter the body, they produce a toxin that causes painful muscle contractions. Another name of tetanus is "Lockjaw". It often causes a person's neck and jaw muscles to lock, making it hard to open the mouth or swallow. 	125. Phase four clinical trials are also called:	(a) 1 and 2 only (b) 1 and 3 only
 (b) Prepost-marketing surveillance (c) Therapeutic confirmation (d) Post-marketing surveillance NCL Pharmacist (08.11.2020) Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. Chefting period of the provided the provided and post-marketing surveillance trial. 	(a) Human Pharmacology and safety	(c) 2 and 3 only (d) 2 and 3
 (c) Therapeutic confirmation (d) Post-marketing surveillance	(b) Prepost-marketing surveillance	Gujarat JMC Jr. Pharmacist (19.06.2021)
(d) Post-marketing surveillance NCL Pharmacist (08.11.2020) Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 126 Estimate and interpret to the second state of	(c) Therapeutic confirmation	Ans. (A) : Tetanus is related to skeletal muscle fiber
Ans. (d) : These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 126 Fortion enter the body, they produce a toxin that causes painful muscle contractions. Another name of tetanus is "Lockjaw". It often causes a person's neck and jaw muscles to lock, making it hard to open the mouth or swallow.	(d) Post-marketing surveillance	and locking of jaw.
Ans. (d): These trials look for effects that were not seen is earlier trials and may also study now well a new treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial. 126 Fotime main for effects that were not clostridium tetani. When these bacteria enter the body, they produce a toxin that causes painful muscle contractions. Another name of tetanus is "Lockjaw". It often causes a person's neck and jaw muscles to lock, making it hard to open the mouth or swallow.	NCL Pharmacist (08.11.2020)	Tetanus is an infection caused by a bacterium called
treatment works over a long period of time. Phase IV clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial.	Ans. (d): I nese trials look for effects that were not seen is earlier trials and may also study now well a new	clostridium tetani.
clinical trials may include thousands of people. Also called phase 4 clinical trial and post-marketing surveillance trial.	treatment works over a long period of time. Phase IV	when these bacteria enter the body, they produce a taxin that acuses painful muscle contractions
called phase 4 clinical trial and post-marketing surveillance trial.	clinical trials may include thousands of people. Also	Another name of tetanus is "Lockiaw". It often causes a
surveillance trial.	called phase 4 clinical trial and post-marketing	person's neck and jaw muscles to lock making it hard
	surveillance trial.	to open the mouth or swallow.
126. Fatigue, weight loss, chronic cough, hight 131. "Ptvalin" an enzyme found in saliva, its main	126. Fatigue, weight loss, chronic cough, night	131. "Ptvalin" an enzyme found in saliva, its main
sweats, chest pain are clinical symptoms of function is -	sweats, chest pain are clinical symptoms of	function is -
(a) Angina pectoris (b) Tuberculosis (a) To breakdown starch into glucose.	(a) Angina pectoris (b) Tuberculosis	(a) To breakdown starch into glucose.
(c) Hypertension (d) Diabetes mellitus (b) To breakdown starch into maltose and	(c) Hypertension (d) Diabetes mellitus	(b) To breakdown starch into maltose and
Kerala PSC Pharmacist Gr.II (04.11.2020) dextrin.	Kerala PSC Pharmacist Gr.II (04.11.2020)	dextrin.
Ans. (b) : Fatigue, weight loss, chronic cough night (c) To breakdown starch into fructose.	Ans. (b) : Fatigue, weight loss, chronic cough night	(c) To breakdown starch into fructose.
sweats, chest pain are clinical symptoms of (d) To breakdown starch into galactose.	sweats, chest pain are clinical symptoms of	(d) To breakdown starch into galactose.
Tuberculosis (TD). It is caused by Mycobacterium Gujarat JMC Jr. Pharmacist (19.06.2021)	tuberculosis (1B). It is caused by Mycobacterium	Gujarat JMC Jr. Pharmacist (19.06.2021)
127 Which one is used for espiration of stomach	127 Which one is used for espiration of stomach	Ans. (b): "Ptyalin" an enzyme found in saliva, its main
contents?	contents?	devtrin
(a) Endotracheal tube (b) Ryle's tube	(a) Endotracheal tube (b) Ryle's tube	Ptvalin is a kind of amplase enzyme that is secreted by
(c) Metal catheter (d) Rubber catheter (the salivary glands in the buccal cavity	(c) Metal catheter (d) Rubber catheter	the salivary glands in the buccal cavity
Kerala PSC Pharmacist Gr.II (04.11.2020) It begins the digestion process and breaks down	Kerala PSC Pharmacist Gr.II (04.11.2020)	It begins the digestion process and breaks down
Ans. (b): Aspiration of gastric contents through a carbohydrates into simple sugars. This enzyme is	Ans. (b): Aspiration of gastric contents through a	carbohydrates into simple sugars. This enzyme is
nasogastric tube (Ryle's tube) will reveal substantial necessary for the conversion of starch in our food into	nasogastric tube (Ryle's tube) will reveal substantial	necessary for the conversion of starch in our food into
quantities of retained fluid. maltose and dextrin.	quantities of retained fluid	maltose and dextrin.

132. Increased level of potassium in blood is known	• Double layer of lipids is found in plasma membrane,
as - (a) Hymerkalamia (b) Hymernetrium	which separates the cell interior from the outside
(a) Hyperalveemia (b) Hyperlinidemia	environment.
Guiarat JMC Jr. Pharmacist (19.06.2021)	• This double layer of plasma memorane consists
Ans. (a) : Increased level of potassium in blood is	126 Which of the following is on Autosomel
known as hyperkalemia.	130. Which of the following is an Autosomal Dominant disorder?
High potassium (called Hyperkalemia) is a medical	(a) Polycystic Kidney disease
problem in which we have too much potassium in our	(b) Alkantonuria
blood. Our blood needs potassium. It is an important	(c) Wilson disease
Potassium helps our perves and muscles including our	(d) Thalassemia
heart work the right way. But too much potassium in	RRB Pharmacist Gr.III (21.07.2019)
our blood can be dangerous. It can cause ferious heart	Ans. (a) : Autosomal dominant tubulointerstitial kidney
problems.	disease (ADT KD) is a group of inherited kidney
133. The major immunoglobulin present in the	disorders. This disease is characterized by progressive
human serum is:	renal insufficiency, disorder's tubulointerstitial
(a) $\lg G$ (b) $\lg E$	nephropathy, and bland urinary sediment.
(c) IgA (d) IgF $CSSSP Sr $ Phormacist (07.01.2020)	• Autosmal dominant disorder are those that result from
GSSSB SF. Pharmacist (07.01.2020)	mutation in one copy of the gene.
Ans. (a) : Immunoglobulins are basically the antibodies	137. Among the following organs in which the
Which help fight infection and disease? This is a	perfusion rate is maximum?
protein that is made by B cells and Plasma cells which	(a) Liver (b) Kidney
is a types of white blood cells and helps the body fight	(c) Lungs (d) Heart
infection.	KKB Pharmacist GF.III (21.07.2019)
■ Immunoglobulin G is the most common and	Ans. (c): Pertusion is measured as the rate at which blood is delivered to tissue, or volume of blood per unit
abundant antibody present in the human serum.	time (blood flow) per unit tissue mass
■ Blood Plasma mainly contains 75-80% of IgG	Among the given organs in options lungs has the
antibodies.	maximum rate of perfusion.
■ IgG has longest mespan of about 25 days.	138. The ability of the eve lens to adjust its focal
barrier and Provide Passive immunity to a	length is called
developing fetus.	(a) Magnification (b) Accommodation
134. Cranial nerves arises from the	(c) Modulation (d) Focal length
(a) Lungs (b) Kidney	RRB Pharmacist Gr.III (21.07.2019)
(c) Heart (d) Brain	Ans. (b) : The ability of the eye lens to adjust its focal
RRB Pharmacist Gr.III (21.07.2019)	length is known as accommodation. Power of
Ans. (d) : The cranial nerves are a set of 12 paired	accommodation is the ability of the eye lens to focus
nerves in the back of our brain, that pass through the	focal length
openings in the skull, to different areas of head, neck,	130 Indicate the region of anal museus where the
chest and abdomen.	blood flow will be high?
• The cranial nerves send information between the brain and the sense organs	(a) Ventral Tongue (b) Frenulum
125 Colla are enclosed by a plasma membrana	(c) Sublingual (d) Buccal
composed mainly of and	RRB Pharmacist Gr.III (21.07.2019)
(a) Lipids and proteins	Ans. (c) : The blood flow to the mucosa lining the
(b) Proteins and emulsified fats	mouth is generally be greater than that to skin, and it is
(c) Fats and carbohydrates	high in sublingual mucosa.
(d) Lipids and emulsified fats	• The sublingual mucosa is the membrane of the ventral
RRB Pharmacist Gr.III (21.07.2019)	surface of the tongue.
Ans. (a) : The Plasma membrane is a selectively	• Sublingual placement of drug refers to the placement
permeable membrane of the cell, which consists of both	of drug under the tongue.
lipids and proteins.	• Sublingual route bypasses the first-pass metabolism
• Both prokaryotic and eukaryotic cells have a plasma	and hence facilitates rapid absorption of the drug into
membrane.	the systemic circulation.

140.Which one of the following lymphocytes produce antibodies?(a) B cells(b) T cells(c) Macrophages(d) Helper T cellsRRB Pharmacist Gr.III (21.07.2019)	 144. "Astrocytes" are present in- (a) Blood brain barrier (b) Blood cerebrospinal fluid barrier (c) Cell membrane barrier (d) Blood placental herrier
Ans. (a) : B lymphocytes, also called B cells create a	(d) Blood placental barrier RRB Pharmacist Gr.III (19.07.2019)
 special type protein called antibody. B lymphocytes (B-cells) are part of the immune system and develop from stem cells in the bone marrow. The antibodies produced by B-cells, find to pathogens or to foreign substances such as toxins, to neutralize them. 141. Insulin is composed of total	Ans. (a) : Astrocytes are the most numerous cell type within the central nervous system (CNS) and perform various functions, as the guidance and synaptic support, to the control of the blood brain barrier and blood flow. 145. Enamel is a constituent of (a) Bones (b) Nail (c) Hair (d) Teeth RRB Pharmacist Gr.III (19.07.2019)
(c) 21 amino acids (d) 81 amino acids	Ans. (d) : Enamel is a constituent of teeth. Dental enamel is the hardest substance in the human body.
RRB Pharmacist Gr.III (21.07.2019) Ans. (b): There are 51 amino acids present in the insulin.	Enamel forms an insulating barrier that protects the tooth from physical, thermal and chemical attack from the substances in the form of food and liquid etc.
• Insulin is composed of two peptide chains referred to as 'A' chain and 'B' chain. A and B chains are linked together by two disulfide bonds.	146. Estimation of serum creatinine is considered to be a more reliable indicator for the evaluation of
 Insulin is a hormone created by our pancreas, that controls the amount of glucose our blood stream. Inside the pancreas the hormone insulin is made in the beta (β) cells. β-cells are part of islets of Langerhans. 	(a) Lung function (b) Liver function (c) Kidney function (d) Gastric function RRB Pharmacist Gr.III (19.07.2019)
142. Impure blood (deoxygenated) carried by(a) Pulmonary Artery(b) Pulmonary vein(c) Aorta(d) CoronaryArteryRRB Pharmacist Gr.III (21.07.2019)	Ans. (c) : The measure of serum creatinine may also be used to estimate how quickly the kidneys filter blood. Glomerular filtration rate (G.F.R) the GFR may provide a more accurate reading on kidney function.
Ans. (a) : A pulmonary artery is an artery in the pulmonary circulation that carries deoxygenated blood from the right side of the heart to the lungs. Pulmonary vein - veins originating from lungs, and which carry freshly oxygenated blood to heart, are known as pulmonary voing	147. Who introduced the Mutation theory?(a) Von Baer(b) Edward Jenner(c) Camilo Golgi(d) Hugo de VriesRRB Pharmacist Gr.III (19.07.2019)Ans. (d): Hugo de Vries introduced the Mutation
Aorta - Aorta is the main artery that carries blood away from our heart to the rest of our body.	theory. According to de Vries' Mutation theory living organisms can develop changes to their genes that greatly alter the organism.
Coronary Arteries - Coronary arteries supply blood to the heart muscle. Like all other tissues in the body, the heart muscle needs oxygen-rich blood to function.	148. Calcitonin is secreted by(a) Adrenals(b) Thyroid(c) Parathyroid(d) Thymus
143. Which one of the following is the normal range of disctolia prossure?	RRB Pharmacist Gr.III (19.07.2019)
(a) 110-145 mm Hg (b) 100 - 120 mm Hg (c) 40 - 55 mm Hg (d) 70 - 90 mm Hg	Ans. (b) : Calcitonin is secreted by thyroid. Calcitonin is a hormone that the C-Cells in the thyroid gland produce and release.
Ans. (d) : The pressure of blood in our arteries, when our heart rest between beats, is called diastolic blood pressure. In the normal condition diastolic pressure measures around 80 mmHg.	Colcitonin is involved in helping to regulate levels of calcium and phosphate in the blood. Opposing the action of parathyroid hormone. Adrenal gland :- The adrenal gland secretes hormones such as cortisol and aldosterone.
 Systolic blood pressure on the other hand is the pressure, when heart contracts to pump blood in arteries during each time it beats. In the normal case it measure 120 mmHg. A presente blood pressure is said to be presented to be pressure blood. 	 149. G protiein coupled receptor (a) A bundle of seven alpha helices (b) As a bundle of four alpha helices (c) A bundle of six alpha helices
• A person's blood pressure is said to be normal if systolic is less than 120 mmHg and diastolic less than 80 mmHg.	(d) A bundle of five alpha helices RRB Pharmacist Gr.III (19.07.2019)

Ans. (a): G-protein coupled receptor is a bundle of	Ans. (b): Incretion analogs belongs to glucagon like
seven alpha helices.	peptide -1 group. Glucagon like peptide -1 (GL P-1) is
different subunits alpha (α) beta (β) and gama (γ)	are widely used in the treatment of type 2 diabetes
G-protein -coupled receptors also called seven - trans	155 Somatostatin is a growth hormone releasing
membrane receptor.	inhibiting hormone present in the
150. How many chromosomes are there in the	(a) GI tract (b) Heart
human being?	(c) Kidneys (d) Muscles
(a) 46 (b) 40	TNPSC Drugs Inspector (27.06.2019)
(c) 44 (d) 48	Ans. (a) : The gastrointestinal (GI) tract, also called the
RRB Pharmacist Gr.III (19.07.2019)	digestive tract of the alimentary canal, is the system of
Ans. (a) : In humans each cell normally contains 23	organs within multicellular animals that takes in food,
pairs of chromosomes i,e there are total of 46, chromosomes found in our cells. This means that	the remaining waste
humans have 22 pairs of numbered chromosomes	156 The reason for the action of honorin in cleaning
(autosomes) and one pair of sex chromosomes (XX or	the turbid plasma is
XY), for a total of 46	(a) Releases bradikinin
• Chromosome are thread like structures made of	(b) Releases lipoprotein lipase
protein and a single molecule of DNA that serve to	(c) Releases histamine
carry the genomic information from cell to cell,	(d) Release hexokinase
151. Axis is a bone of	TNPSC Drugs Inspector (27.06.2019)
(a) Skull (b) Forearm	Ans. (b) : Heparin activates lipoprotein lipase and
(c) Leg (d) Spinar Cord RRR Pharmacist Gr III (19 07 2019)	hepatic lipase enhances plasma lipolytic activity and
Ans (d) · Axis is a hone of spinal cord	elevates plasma levels of free fatty acids. Lipoproteins
The spinal cord is a long tube - like band of tissue	lipase catalyses the hydrolysis of the triacylgicerol
Skull :- The skull is made up of cranial bones and	component of circulating chylomicrons and very low
facial bones.	clots
152. In stomach, the stimulatin vegal, that increases	157 The two of henerin is reduced in patients with
the gastric acid, due to	condition
(a) H_2 Receptor (b) M_3 Receptor	(a) Cirrhosis of the liver
(c) 5HT Receptor (d) α Receptor	(b) Kidney malfunction
RRB Pharmacist Gr.III (19.07.2019)	(c) Pulmonary embolism
Ans. (b) : M ₃ receptors that turn on acid secretion.	(d) Gall bladder dip function
Stimulation of the vagus excites postganglionic	TNPSC Drugs Inspector (27.06.2019)
parasympathetic neurons in the stomach, which then	Ans. (c) : The $t_1/2$ of heparin is reduced in patients
release acetylcholine on to parietal cells to stimulate	with pulmonary embolism condition. Immediate
acid secretion .	therapeutic anticoagulation is initiated for patients with
153. The transformation of the larvae into an adult	suspected deep venous thrombosis or pulmonary
through drastic changes is called	embolism. Anticoagulation therapy with heparin
(a) Budding (b) Reverse osmosis	reduces mortality rates form 30% to less than 10%.
(c) Menopause (d) Metamorphosis	or prevent the progression of DVT and to reduce the
KKB Fliar fliacist GF.III (19.07.2019)	size and frequency of pulmonary embolism. Heparin
Ans. (d): I ne transformation of the larva into an adult	does not dissolve existing clot.
Metamorphosis · Change of physical form structure	158. Retention hyperbilirubenamia is caused due to
or substance. In frog butterfly metamorphosis occurs.	(a) Choleric jaundice
Budding : It is an asexual mode of producing new	(b) Non clearance of bilirubin
organisms. In this process a new organism is developed	(c) Reflux of bilirubin into blood stream (d) Over production of bilirubin
from a small part of the parents body.	(d) Over production of official GPAT (28.01.2019)
154. Incretion Analogs belongs to group	Ans. (d) Retention hyperbilirubenamia is caused due
(a) Dipeptidyl peptidase 4 inhibitors	to over production of bilirubin. Jaundice, also Known
(b) Glucagon like peptide – 1	as hyperbilirubenamia is defined as, a yellow
(c) α - Glucosidase inhibitors	discoloration of the body tissue resulting from the
(d) Amylin Analogs	hilirubin happen only when there is an excess of
TNPSC Drugs Inspector (27.06.2019)	I on appen only when there is all excess of

bilirubin, and this indicate increased production or impaired excretion. Bilirubin level is often elevated by alcohol, infectious, hepatitis, drug reaction and autoimmune disorder.	 163. What are sutures? (a) Cartilaginous joints (b) Non fibrous joints (c) Synovial joints (d) Fibrous joints of the skull
autommune disorder.	GPAT (28.01.2019)
 (a) Increase in the content of mucus (b) Decrease in the content of mucus (c) Increase in the content of hyaluronic acid (d) Decrease in the content of hyaluronic acid 	Ans. (d) The bones of the skull joined together except for the mandible by a fibrous joint called a suture. The fibrous connective tissue found at a suture (to attach or sew) strongly unites the adjacent bones of the skull and thus help protect the form the face. 164. Following are the facts regarding clinical
GPAT (28.01.2019)	applications of muscarinic receptor blocking
Ans. (d) The rheological and functional properties of	drugs. Identify the false statement:
synovial fluid are impaired due to decrease in the	(a) Used in the treatment of parkinson's disease is
content of hyaluronic acid.	single agent is fully effective.
160. Volume of blood that flows per unit time per unit volume of the tissue is:	(b) Marked reflex vagal discharge may stimulate
(a) Residence time (b) Elimination rate	sinoatrial oratrioventricular node to improve
(c) Gastric emptying rate(d) Perfusion rate	cardiac output.
GPAT (28.01.2019)	opthalmoscopic examination of the retina and
Ans. (d) Volume of blood that flows per unit time per	measurement of refractive error in
unit volume of the tissue is perfusion rate.	uncooperative patient.
Perfusion rate is defined as the volume of blood that	(d) Scopolamine is one among the old remedies
in ml/min/ml of the tissue	Used to treat sea-sickness.
\Rightarrow Highly per-fused organs- Lungs, kidneys, Liver,	Ans. (b) Heart Ach, by stimulating Mz receptor of the
heart brain	heart opens k^+ channel resulting in hyperpolaidtion
\Rightarrow Moderately per-fused organs - muscles and skin	therefore S-A and A.V nodal activity is reduced.
\Rightarrow Poorly per-fused organs - fat and bone.	165. Which of the following cells are called scavenger
161. Characteristic microscopic features observed in	(a) Neutrophils (b) Natural killer cells
Alzheimer's disease is:	(c) Marcrophages (d) Mast cells
(a) Epidural haemoregic patches (b) Denigramentation of substantia nigra	GPAT (28.01.2019)
(c) Depugnentiation of neurons in spinal cord	Ans. (c) Macrophages are largest corpuscles in the
(d) Presence of neutritic plaques containing Ab-	blood tissue - resident phagocytes and antigen
amyloid	presenting cells. They differentiate from circulating
GPAT (28.01.2019)	active and regulating functions in innate as well as
Ans. (d) Characteristic microscopic features observed	adaptive immunitius
in Alzheimer's disease is presence of neutritic plaques	166. Glucocorticoids have following effects-
containing Ab- amyloid, alzheimer's disease is a	EXCEPT:
chronic infeversible disease that affects the cells of the	(a) Stimulation of immune responses
functioning	(c) Lipolysis
162 Cardiac output is:	(d) Protein breakdown and glucose formation
(a) Volume of blood ejected by the auride per	GPAT (28.01.2019)
minute	Ans. (a) Functions of glucocorticoids :-
(b) Volume of the blood ejected by the left	carbohydrate metabolism, protein metabolism, fat
ventricle per beat	immunosuppressive effect. Anti inflammatory effects
(c) Volume of the blood ejected by the left	Anti-allergic actions etc
(d) Values of blood signated by the surials gen	167 What is ananlasia?
(d) volume of blood ejected by the auticle per	(a) Morphological and functional
GPAT (28.01.2019)	alterations/changes, that are different from
Ans. (c) Cardiac output is volume of blood eiected by	normal cells
the left ventricle per minute.	(b) Morphological and functional resemblance to
Unit- litre (ml)/minute.	normal cells
cardiac output (CO) = $SV \times HR$	(c) increase in Size of cells (d) Lack of growth of cells
(Stroke volume) (Heart rate)	GPAT (28.01.2019)

 Ans. (a) Morphological and functional alterations changes that are different from normal cells is anaplasia. Anaplasia is a term used to describe cells that have lost the unique characterstics that define them as a certain tissue type. 168. Match the following liver abnormalities with consequences: (a) Steatosis (M) Raised hiliruhin level (b) Cholestasis (N) Slight rise in serum transaminase level (c) Hepatitis (O) Accumulation of fat droplets within liver cells (d) Fibrosis (P) lilevated liver function test (LFT's) (a) (a) - (N), (b) - (P), (c) - (M), (d) - (O) (b) (a) - (O), (b) - (M), (c) - (P), (d) - (M) (c) (a) - (N), (b) - (O), (c) - (N), (d) - (M) 	 172. Infertility in men is induced by (a) Vitamin C (b) Gossypol (c) Estrogen (d) Antibiotics TNPSC Drugs Inspector (27.06.2019) Ans. (b) : Infertility in men is induced by gossypol. Gossypol is non-steroidal and does not affect hormone levels, but does inhibit sperm production and motility in male animals and humans. It acts as a contraceptive by inhibiting enzyme systems that effect energy metabolism in sperm and spermatogenic cells. 173. Gluconeogenesis is promoted by (a) Glucocorticoids (b) Insulin (c) Oral hypoglycemic agents (d) Food intake
GPAT (28.01.2019)	Ans. (a) : Glucocorticoids promote gluconeogenesis in
Ans. (b) (a) Steatosis (O) Accumulation of fat droplets within liver cells (b) Cholestasis (M) Raised hiliruhin level (c) Hantidia (D) Liberted Lines forgeting tori	liver, whereas in skeletal muscle and white adipose tissue they decrease glucose uptake and utilization by antagonizing insulin response. Therefore, excess glucocotricoid exposure causes hyperglycemia and
(c) Hepatitis (P) intevated liver function test (LFT's) (d) Eibrosis (N) Slight rise in serum	174. An ischaemic nefrosis of a portion of the myocardium due to sudden occlusion of a
transaminase level	branch of coronary artery is called as
 169. Several different chemicals released by microbes and inflamed tissues attract phagocytes, this phenomenon is called as (a) Phagocytosis (b) Integrins (c) Chemotaxis (d) Emigration 	 (a) Angina Pectoris (AP) (b) Cardiac Arrythmia (CA) (c) Congestive Cardiac Failure (CCF) (d) Myocardial infarction (M. I) TNPSC Drugs Inspector (27.06.2019)
Ans. (c) Chemotaxis is the directed movement of cells along a concentration gradient of soluble chemicals emanating form a distant source. 170. Hematocrit 65% to 70% indicates:	Ans. (d) : An ischemic necrosis of a portion of the myocardium due to sudden occlusion of a branch of coronary artery is called as Myocardial infection (MI). Heart attack, also called a myocardial infarction, hence where a port of the heart art of the heart of th
(a) Hemophilia(b) Polycythemia(c) Hypoxia(d) AnaemiaGPAT (28.01.2019)	enough blood. Coronary artery disease is the main cause of heart
Ans (b): At extreme levels of secondary polycythemia, patients can be at risk for thrrombosis etecessive polycythemia usually defined as hematocrit levels higher than 65-70% may result in increased whole blood viscosity.	175. The following are used as nerve gases except (a) Taliun (b) Dyflos (c) Soman (d) Sarin TNPSC Drugs Inspector (27.06.2019)
171. Thyrotoxicosis causes (a) Odema of tha foot (b) Myxoedema (c) Cretinism (d) Nodular goitre TNPSC Drugs Inspector (27.06.2019)	Ans. (b) : Soman and sarin are nerve gases designed for use in chemical warfare to induce nausea, vomiting, convulsions and death in humans. Dyflos does nor used as nerve gases.
 Ans. (d) : Thyrotoxicosis causes nodular goiter. Toxic nodular goiter involves an enlarged thyroid gland. Thyrotoxicosis is a condition in which you have too much thyroid hormone in your body. Myxoedema is a term generally used to denote severs hypothyroidism. Cretinism is a condition of severly stunted physical and mental growth due untreated congenital deficiency of thyroid hormones. 	 Dyflos is a parasympathomimetic drug irreversible anticholinesterase and has been used in ophthalmology as a miotic agent in treatment of chronic glaucoma. 176. Acetylcholine is not used commercially because (a) Long duration of action (b) Costly (c) Rapidly destroyed in the body (d) Crosses blood main barrier

Ans. (c): Acetylcholine is not used commercially because rapidly destroyed in the body	182. The human Insulin analogues are the following EXCEPT
• Myasthenia gravis cause the immune system to block	(a) Lispro insulin (b) Aspart insulin
or destroy acetylcholine receptors. The, the muscles do	(c) Glargine insulin (d) Isophane insulin
not receive the neurotransmitter and cannot function	TNPSC Pharmacist-Degree (27.06.2019)
normally, without acetylcholine muscles cannot	Ans. (d) : Analog insulins are very similar to human
contract	insulin, but they have one or two amino acids changed.
177. Example for tyrosine kinase receptor is	Analog insulin preparations have been modified to
(a) Insulin receptor	change now fast and now slow they act after injections.
(b) $GABA_A$ receptor	Examples of short-acting analog insulins are Lipro,
(c) Acetylcholine receptor	Viulishie and Aspart. * Insulin human isonhane is a intermediate acting type
(d) Steroid receptor	insulin. Insulin is one of many hormones that help the
TNPSC Pharmacist-Degree (27.06.2019)	body turn the food we eat into energy.
Ans. (a) : Insulin receptor is a kind of tyrosine kinase	183. The drug which increases uterine motility is
receptor. Tyrosine kinase is a cell surface receptor. In it	(a) Oxytocin (b) Ritodrine
the binding of an agonistic ligand triggers	(c) Atosiban (d) Nifedipine
autophosphorylation of tyrosine residues.	TNPSC Pharmacist-Degree (27.06.2019)
178. The capacity of a drug to cause, foetal	Ans. (a): Oxytocin promotes myo-metrial contractions
abnormality is known as	by increasing free intracellular calcium in the myo-
(a) Carcinogenicity (b) Teratogenicity	stimulants are also called uterotonics because they
(c) Mutagenicity (d) Photosensitivity	increase the tone of the muscles of the uterus.
TNPSC Pharmacist-Degree (27.06.2019)	They are mainly used to induce or facilitate labour
Ans. (b) : The capacity of a drug to cause, foetal	reduce postpartum hemorrhage & induce abortion.
abnormality is known as teratogenicity.	Example-Oxytocin, ergonovine, & prostaglandins.
179. The predominant muscarinic receptor which	184. Sumatriptan is a selective
mediates vagal bradycardia is	(a) 5 - HI $_{ID/IB}$ receptor agonist
(a) M_1 (b) M_2	(b) $5 - \Pi_{2A 2B}$ receptor agonist
(c) M_3 (d) M_5	(d) 5 - HT ₄ receptor agonist
INPSC Pharmacist-Degree (27.06.2019)	TNPSC Pharmacist-Degree (27.06.2019)
Ans. (b) : M_2 is the predominant muscarinic receptor	Ans. (a) : Sumatriptan (GR43175) is a selective 5- HT1
which mediates vagat bradycardia. The M_2 muscarinic	- receptor agonist effective in the acute treatment of
is the only subtype found in the human heart. Its	migraine. vasoactive properties in other vascular beds
activation results in a decrease in heart rate and a	have been suggested by recent in vitrostudiel .
reduction in heart contraction force.	185. Angiotensin-II is a
180 Estradiol is a	(a) Carbonydrate (b) Elcosanolds
(a) Male sex hormone	TNPSC Pharmacist-Degree (27.06.2019)
(b) Female sex hormone	Ans (c) · Angiotensin- II is a pentide hormone that
(c) Pituitary hormone	causes vasoconstriction and an increase in blood
(d) Parathyroid hormone	pressure. It is part of the renin- angiotension system
TNPSC Pharmacist-Degree (27.06.2019)	which regulates blood pressure. Angiotensin also
Ans. (b) : Estradiol is a female sex hormone. It is the	stimulates the releases of aldosterone from the adrenal
major female sex hormone, an estrogen steroid hormone	196 Who is introduced the sometic embryo genesic
involved in the regulation of the estrous and menstrual	in callus cultured on a semisolid medium?
female reproductive cycles.	(a) Cocking (b) Michel
181. Human Immunoglobulin is the other name of	(c) Rienert (d) Steward
(a) Beta-globulin (b) Gamma-globulin	TNPSC Pharmacist-Degree (27.06.2019)
(c) Prothrombin (d) Fibrinogen	Ans. (c) : Somatic embryogenesis is a process by which
TNPSC Pharmacist-Degree (27.06.2019)	somatic cells or tissue, including haploid cells develops
Ans. (b) : Another name of Human Immunoglobulin is	into differentiated embryos and to regenerate plants.
Gamma-globulin. Gamma globulins are antibodies of	\rightarrow Steward (1958) first included embryo through
the most abundant class of serum proteins after	suspension culture in carrot.
albumin. The main classes of gamma globuline are IgA,	\rightarrow Reinert (1959) produce embryo from callus in carrot
IgG and IgM.	through suspension culture.

187. Which of the following parameter are evaluated by comparing curves of serum concentration versus time?	Nucleated cells recognized frequently in synovial fluid include neutrophils, lymphocytes, monocytes and macrophages. These cells are seen in fluid from normal as well as diseased joints.
(a) Peak concentration, biological half life and	191 An important site of fetal blood cell production
elimination rate constant	is:
(b) B iological half life, t_{max} and absorption rate	(a) Pons (b) Spleen
constant	(c) Lymph (d) Thymus
(c) Peak concentration, t_{max} and total area under the surge	ESIC Pharmacist (26.02.2019, Shift-II)
(d) A departing note constant and an the summe	Ans. (b) : An important site of fetal blood cell
(d) Adsorption rate constant, area under the curve	production is spleen.
TNDSC Phormonist Doguos (27.06.2010)	In the fetus, blood cell production occurs in the yolk,
INFSC Flarmacist-Degree (27.00.2019)	liver, spleen and eventually in bone marrow.
Ans. (c) : I hree important parameters useful in	192. An integral membrane glycoprotein of the
assessing the bloavaliability of a drug from its	numan erythrocyte is:
$\begin{array}{c} \text{Ionimulation are} \\ 1 \text{Deals} \text{respective} (C) \text{The point at} \end{array}$	(a) Chuconhorin (d) Chucogen
1. Peak plasma concentration (C_{max}) – The point at which maximum concentration of drug in plasma Unit.	FSIC Pharmacist (26 02 2010 Shift II)
which, maximum concentration of drug in plasma. Onit	Ang (a) : The structures and functions of major human
2 Time of peak concentration (t). The time for the	red cell integral membrane proteins are summarized in
drug to reach neak concentration in plasma (after extra	this review. The proteins that are discussed are the
vascular administration), unit - hrs	anion transporter (band 3), the sialic acid- rich
3. Area under curve (AUC)– It represents the total	glycophorins and the glucose transporter. The
integrated area under the plasma level-time profile and	glycophorins comprise three major proteins,
expresses the total amount of the drug that comes into	grycophorin A, grycophorin B and Grycophorin C.
systemic circulation after its administration. units -	193. Penalty for non-disclosure of the name of the manufacturor is:
μg/ml x hrs.	(a) $\neq 10000$ (b) $\neq 2000$
188. Endothelium is the squamous epithelium	(a) $(10,000$ (b) $(2,000)$ (c) $(2,000)$ (d) $(2,000)$
associated with:	ESIC Pharmacist (26.02.2019. Shift-II)
(a) heart (b) collecting ducts	Ans. (c) : Penalty for non- disclosure of the name of
(c) lymph vessels (d) small intestine	the manufacturer is 1000 rupees.
ESIC Pharmacist (26.02.2019, Shift-II)	It is in section 28 of the drug & cosmetics act 1940.
Ans. (c): Endothelium is a type of epithelium that lines	194. Which of the following is a superficial vein of
vessels forming an interface between circulating blood	the cardiovascular system?
or lymph in the lumen and the rest of the vessel wall. It	(a) Basilica vein (b) Axillary vein
is a thin layer of simple squamous cells called	(c) Subclavian vein (d) Palmar vein
endothelial cells.	ESIC Pharmacist (26.02.2019, Shift-II)
189. The adipose tissue in newborns is called:	Ans. (a) : Superficial veins in the arms/upper
(a) Brown fat (b) Yellow fat	basilic and median veins
(c) White fat (d) Black fat	195 Which of the following hormones inhibits the
ESIC Pharmacist (26.02.2019, Shift-II)	secretion of insulin, glucagon and growth
Ans. (a) : Brown adipose tissue or brown fat is one of	hormone?
two types of fat that human and other mammales have.	(a) Somatostatin (b) Thyroxin
It main function is to turn food in to body heat. It is	(c) Melatonin (d) Serotonin
hibernating mammals have high levels of brown fat	ESIC Pharmacist (26.02.2019, Shift-II)
The other type of fat is white or vellow fat.	Ans. (a) : In pancreas prevents (inhibits) the release of
The largest accumulations of brown fat envelop the	pancreatic hormones, including insulin, glucagon and
kidneys' and adrenal glands and smaller amounts	In our hypothalamus, somatostatin stops the release of
surround the blood vessels of the mediastinum and	hormones our pituitary gland makes including growth
neck.	hormone.
190. Synovial cells in joints is an example of:	196. Which one of the following is a nonapeptide
(a) Neutrophils (b) Macrophages	hormone which is produced by the posterior
(c) Basophils (d) Lymphocytes	pituitary gland?
ESIC Pharmacist (26.02.2019, Shift-II)	(a) Prolactin (b) Vasopressin
Ans. (b): Synovial cells in joints is an example of	(c) Aldosterane (d) Thyroxine
macrophages.	ESIC Delhi Pharmacist (26.02.2019, Shift-I)

plays role in regulating the circadian rhythm. The period of	behind their shoulder blades. Newborns can't shiver which is one of the ways the body creates heat.
sleepiness and wake fulness in a 24 hours cycle.	202. An integral membrane glycoprotein of the
Vasopressin also helps maintain the body's internal	human erythrocyte is:
temperature. its blood volume and the proper flow of	(a) Amylopectin (b) Glycophorin
urine from the kidneys. Vasopressin is a hormone made	(c) Chitin (d) Glycogen
by the hypothalamus in the brain and stored in the	ESIC Delhi Pharmacist (26.02.2019, Shift-I)
posterior. Pituitary gland.	Ans. (b) : A glycophorin is a sialoglycoprotein of the
197. The procedure of removing ovaries is called:	membrane of a red blood cell. It is a membrance-
(a) Colostomy (b) Salpingectomy	spanning protein and carries sugar molecules. It is
(c) Oophorectomy (d) Vasectomy	heavily glycosylated (60%) glycophorins are rich in
ESIC Delhi Pharmacist (26.02.2019, Shift-I)	silica acid, which gives the blood cells a very
Ans. (c) : Oophorectomy is a surgical procedure where	hydrophilic-charged coat. This enables them to circulate
one or both of ovaries are removed. This procedure can	without adhering to other cells or vessel walls.
be done through a laparoscopic approach, a vaginal	red blood cells by malaria parasites which involves
approach or a laparotomy. Removing both ovaries will	several ligends hinding to RBC recentors
cause menopause to begin immediately.	202 Chase continuing to RDC receptors.
198. Which of the following is a part of cardio	205. Glucocorticolas are involved in:
system of upper vein?	(a) Fotassium metabolism (b) Eluid balance
(a) Axial vein (b) Parmar vein	(b) Fluid Dalance
(c) Subclavian vein (d) Basilic vein	(d) Est metabolism
ESIC Delhi Pharmacist (26.02.2019, Shift-I)	(d) Fat iniciationism ESIC Dalk: Dhanmasist (26.02.2010, Shift D
Ans. (d) : The basilic vein originated for the medial	ESIC Denni Final macist (20.02.2019, Sint-1)
side of the dorsal venous network, ascended along the	Ans. (d) : Glucocorticolds are involved in fat
to form the ovillary vein at the distal border of the terse	Chappeneticoide regulate are also expressed in edinose
major muscle	tissue and liver and glucocorticoids may be important in
100 Heamostatic forcers are also known as:	both the acute and chronic regulation of fatty acid
(a) Mounihan's forcens	trafficking and metabolism and in influencing adipose
(a) Moynman's forceps (b) Swab holding forceps	tissue differentiation and function.
(c) Artery forcers	204. Which of the following hormones inhibits the
(d) Ordinary forceps	secretion of insulin, glucagon and growth
FSIC Delhi Pharmacist (26.02.2019 Shift-D	hormone?
	normoner
Ans (c) : Haemostatic forcens are also known as artery	(a) Thyroxin (b) Somatostatin
Ans. (c) : Haemostatic forceps are also known as artery forceps	(a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to	(a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I)
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs.	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes
 Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion.
 Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones.
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I)	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin?
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin
 Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I)
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I)
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in
 Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node. 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins
 Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node. 201. Adipose tissue in newborn baby is called 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins cause vasodilatation of most vessels but
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node.	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins cause vasodilatation of most vessels but vasoconstriction of the pulmonary bed, and they also
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node.	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins cause vasodilatation of most vessels but vasoconstriction of the pulmonary bed, and they also alter vascular permeability.
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node. 201. Adipose tissue in newborn baby is called (a) Black fat (b) White fat (c) Brown (d) Yellow fat ESIC Delhi Pharmacist (26.02.2019, Shift-I) 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins cause vasodilatation of most vessels but vasoconstriction of the pulmonary bed, and they also alter vascular permeability. 206. A condition clinical obesity is a condition in
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node. 201. Adipose tissue in newborn baby is called (a) Black fat (b) White fat (c) Brown (d) Yellow fat ESIC Delhi Pharmacist (26.02.2019, Shift-I) 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins cause vasodilatation of most vessels but vasoconstriction of the pulmonary bed, and they also alter vascular permeability. 206. A condition clinical obesity is a condition in which the range of BMI is.
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node. 201. Adipose tissue in newborn baby is called (a) Black fat (b) White fat (c) Brown (d) Yellow fat ESIC Delhi Pharmacist (26.02.2019, Shift-I) 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins cause vasodilatation of most vessels but vasoconstriction of the pulmonary bed, and they also alter vascular permeability. 206. A condition clinical obesity is a condition in which the range of BMI is. (a) 30–40 kg/m² (b) 25–30 kg/m²
Ans. (c) : Haemostatic forceps are also known as artery forceps. An artery forceps is surgical instruments that is used to stop the flow of blood and shut the blood vessels and retraction of tissues, skin and other body organs. 200. Endothelium is the squamous epithelium associated with: (a) Small intestine (b) Collecting ducts (c) Heart (d) Lymph vessels ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (d) : Lymph or lymphatic vessels are the five tubes carrying the lymphatic fluid and with blood cells all through the lymphatic system. They are physically similar to blood vessels. Afferent lymph vessels bring lymph to a lymph node and efferent lymph vessels carry lymph away from a lymph node. 201. Adipose tissue in newborn baby is called (a) Black fat (b) White fat (c) Brown (d) Yellow fat ESIC Delhi Pharmacist (26.02.2019, Shift-I) 	 (a) Thyroxin (b) Somatostatin (c) Serotonin (d) Melatonin ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : In our pancreas, somatostatin prevents (In hibits) the release of pancreatic hormones, including insulin, glucagon and gastrin, and pancreatic enzymes that aid indigestion. Somatostatin stops the release of hormones our pituitary your gland makes, including growth hormones. 205. Which of the following is a plasma kinin? (a) Rennin (b) Kallidin (c) Serotonin (d) Histamine ESIC Delhi Pharmacist (26.02.2019, Shift-I) Ans. (b) : The examples of plasm kinins include bradykinin and kallidin. They may have a role in inflammation and exocrine gland secretion. Kinins cause vasodilatation of most vessels but vasoconstriction of the pulmonary bed, and they also alter vascular permeability. 206. A condition clinical obesity is a condition in which the range of BMI is. (a) 30–40 kg/m² (b) 25–30 kg/m² (c) 45–50 kg/m² (d) 40–45 kg/m²

Ans. (a): BMI Weight status	Ans. (b) : Iodine deficiency is the most common cause
Below 18.5 \rightarrow Underweight	of goiter. The body needs iodine to produce thyroid
$18.5-24.9 \rightarrow Normal$	hormone. If we do not have enough iodine in our diet,
$25.0-29.9 \rightarrow $ Overweight	the thyroid gets larger to try and capture all the iodine it
<u>30.0 and higher</u> \rightarrow Obesity	can, so it can make the right amount of thyroid
207. Hydrochloric acid present in gastric juice is	normone.
secreted by	212. In living cell, is just like the brain of body.
(a) Parietal cells (b) Mucous cells	(a) Nucleus
(c) Chief cells (d) G cells	(b) Lysosomes
DSSSB Pharmacist (01.11.2019)	(c) Endoplasmic reticulum
Ans. (a): Gastric HCl is secreted from the highly	(d) Mitochondria
specialized parietal cells located in the corpus of the	GSSSB Jr. Pharmacist (18.02.2018)
stomach, generating a H^+ concentration in the gastric juice	Ans. (a) : In living cell, nucleus is just like the brain of
that is 3 million time greater than that in blood and tissue.	body.
208. What type of hormones are androgens?	A nucleus is a double membrened organelle that
(a) Glucocorticoid (b) Sex hormone	contains the genetic material and other instructions
(c) Growth hormone (d) Mineralocorticoid	found in subaryotic cells and is also one of the largest
DSSSB Pharmacist (01.11.2019)	organells By bousing the cell's genome the nucleus
Ans. (b) : Androgens are reproductive and growth	serves both as the repository of generic information and
normones that are produced in male and female bodies.	as the cell's control center.
the female body naturally produces small amounts of	DNA replication, transcription and RNA processing all
androgens too. For example testosterone. It is also a	tak place within the nucleus, with only the final state of
steroid hormones.	gene expression (translation) localized to the cytoplasm.
• Mineralocorticoids (release from zona Glomerulosa)	213. Hyponatremia is a condition in which
Its regulation is electrolyte and water. It is secreted by	(a) Low potassium level in blood
the outer most region of the adrenal cortex. Ex :-	(b) Low sodium level in blood
Aldosterone.	(c) Low calcium level in blood
209. How many parietal bones are there in the	(d) Low jodine level in blood
cranium?	GSSSB Jr. Pharmacist (18.02.2018)
(a) Four (b) One	Ans. (b) : Hyponatremia means that the Sodium level in
(c) Two (d) Three	the blood is below than normal. Our body needs
DSSSB Pharmacist (01.11.2019)	Sodium for fluid balance, blood pressure control as well
Ans. (c) : 8 bones are in the cranium are as follows–	as the nerves and muscles. The normal blood Sodium
• Parietal (2) • Temporal (1)	level is 135 to 145 milliequivalents / liter (mEg/L).
• Frontal (1) • Occipital (1)	Hyponatremia occurs when our blood Sodium lever
• Ethmoid (1)	goes below 135 mEg/L.
210 Depended de la constant de	When the Sodium level in our blood is too low extra
210. rarotid giand is a part of	water goes into our cells and makes them swell. This
(a) Submaxillary glands	swenning can be uangerous especially in the brain, since
(b) Salivary glands	ine orani cannot expand past the skun.
(c) Sublingual glands	214. Diaphragm is a type of
(d) Submandibular glands	
	(a) Smooth muscle (b) Bone cavity
GSSSB Jr. Pharmacist (18.02.2018)	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The	(a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018)
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland.	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body.
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d): Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential function in the oral cavity because they secret saliva,	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the lungs and heart that separates the chest from the
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential function in the oral cavity because they secret saliva, facilitating chewing swallowing, speaking and	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the lungs and heart that separates the chest from the abdominal.
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential function in the oral cavity because they secret saliva, facilitating chewing swallowing, speaking and digesting.	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the lungs and heart that separates the chest from the abdominal. 115 is the longest and strongest bone of the
GSSSB Jr. Pharmacist (18.02.2018) Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential function in the oral cavity because they secret saliva, facilitating chewing swallowing, speaking and digesting. 211. Goitre is caused due to deficiency of	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the lungs and heart that separates the chest from the abdominal. 115 is the longest and strongest bone of the body.
GSSSB Jr. Pharmacist (18.02.2018)Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential function in the oral cavity because they secret saliva, facilitating chewing swallowing, speaking and digesting.211. Goitre is caused due to deficiency of (a) Chloride(b) Iodine	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the lungs and heart that separates the chest from the abdominal. 115 is the longest and strongest bone of the body. (a) Femur (b) Fibula
GSSSB Jr. Pharmacist (18.02.2018)Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential function in the oral cavity because they secret saliva, facilitating chewing swallowing, speaking and digesting.211. Goitre is caused due to deficiency of (a) Chloride (c) Calcium(d) Sodium	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the lungs and heart that separates the chest from the abdominal. 115 is the longest and strongest bone of the body. (a) Femur (b) Fibula (c) Radius (d) Hmerus
GSSSB Jr. Pharmacist (18.02.2018)Ans. (b) : Parotid gland is a part of salivary glands. The parotid gland is the largest of three paired major salivary glands, including the submandibular and subligual glands. It is located in the retromandibular fosa, space mainly occupied by this gland. Parotid gland and other salivary glands play an essential function in the oral cavity because they secret saliva, facilitating chewing swallowing, speaking and digesting.211. Goitre is caused due to deficiency of (a) Chloride (c) Calcium(b) Iodine (d) SodiumCSSSB Ir. Pharmacist (18.02.2018)	 (a) Smooth muscle (b) Bone cavity (c) Artery (d) Skeletal muscle GSSSB Jr. Pharmacist (18.02.2018) Ans. (d) : Diaphragm is a type of skeletal muscle. The mammalian diaphragm muscles is essential for respiration and thus is one of the most critical skeletal muscles in the human body. Diaphragm is the thin dome-shaped muscle below the lungs and heart that separates the chest from the abdominal. 115 is the longest and strongest bone of the body. (a) Femur (b) Fibula (c) Radius (d) Hmerus GSSSB Jr. Pharmacist (18.02.2018)

Ans. (a): The femur is the longest and strongest bone in The Upper Abdomen– the human body. It is located in our thigh. All of the • **Region 01**-It is known as the right hypochondriac body's weight is supported by the femurs during many region. This area is home to organs such as the liver, activities' such as running, jumping, walking and gallbladder, right kidney, and small intestine. standing. • Region 02-It is known as the epigastric region. Here, we have the stomach, liver and the pancreas. 216. What is the fluid part of the blood known as (b) Plasma In medical parlance, the term "neonates" refer (a) RBC 221. to a baby that is (c) WBC (d) Platelets (a) Older than 12 week but no older than 16 CGHS Pharmacist (08.01.2018) weeks Ans. (b) : (b) No older than 4 weeks Your blood is made up of liquid and solids. • (c) Older than 6 week but no older than 12 weeks The liquid part, called plasma, is made of water, (d) Older than 4 weeks but no older than 8 weeks salts, and protein. Over half of your blood is plasma CGHS Pharmacist (08.01.2018) The solid part of your blood contains red blood Ans. (b) : • In medical contexts, nerwborn or neonate cells, white blood cells, and platelets. (from Latin, neonatus, newborn) refers to an infant in 217. The special muscles tissues myocardium is the first 28 days after birth. found only in the • The term applies to premature, full term, and (a) Heart (b) Lungs postmature infant; before birth, the term "fetus" is used. (d) Brain (c) Stomach • The term "infant" is typically applied to very young CGHS Pharmacist (08.01.2018) children under one year of age; however, definition may Ans. (a) : • Cardiac muscle, also called myocardium, in vary and may include children up to two years of age. vertebrates, one of three major muscle types found only • When a human child learns to walk, the term in the heart. "toddler" may be used instead. 218. In a normal young healthy adult male weighing • In British English, an infant school is for children about 70 kg, the blood volume is aged between four and seven. (a) 5 litre (b) 7 litre • As a legal term, "infancy" continues from birth until (c) 10 litre (d) 2 litre age 18. CGHS Pharmacist (08.01.2018) 222. Are reabsorbed from the proximal Ans. (a) : • A typical adult has a blood volume of convulated tubule by passive diffusion approximately 5 liters. (a) Sodium, glucose, vitamin and amino acid (b) Sodium and urea 219. Which among the below is the function of (c) Chloride and potassium insulin? (d) Chloride, Sulphate, phosphate and urea (a) Ovulation CGHS Hyderabad Pharmacist (27.06.2018) (b) Intake or sugar from the blood in a tissue (c) Inhibit production of FSH Ans. (d) : Chloride, Sulphate, phosphate and urea are reabsorbed from the proximal convulated tubule by (d) Releasing of breast milk passive diffusion. CGHS Pharmacist (08.01.2018) 223. What is the pH level of intestinal juice **Ans. (b)** : • Insulin is a hormone made by the pancreas (a) 5-10 (b) 2-4 that allows your body to use sugar (glucose) from (c) 7-9 (d) 6.4-6.5 carbohydrates in the food that you eat for energy or to CGHS Hyderabad Pharmacist (27.06.2018) store glucose for future use. Insulin helps keeps our blood sugar level from getting too high (hyperglycemia) Ans. (c) or too low (hypoglycemia). pH is the highly acids within the stomach and is rapidly changing throughout the body. 220. Gall bladder is located in (a) Right lumbar region pH gradually increases within the small intestine. Within the duodenum it is pH 6, and is between 7 (b) Right Iliac region to 9 in the Jejunum, to about 7.4 in the Ileum. (c) Left Iliac region Sodium bicarbonate released by the pancreas (d) Right hypochondriac region maintains pH levels. CGHS Pharmacist (08.01.2018) Which produces 224. of the following Ans. (d): • The gallbladder is a pear-shaped, hollow VASOCONSTRICTION as the most structure located under the liver and on the right side of prominent action? the abdomen. Its primary function is to store and (a) Angiotensin-II (b) Fenoldopam concentrate bile, a vellow-brown digestive enzyme (c) Sodium Nitroprusside(d) Nicardipine produced by the liver. The gallbladder is part of the CGHS Delhi Pharmacist (26.12.2018) biliary tract.

Ans. (a): Angiotensin is a peptide endowing hormone It	230. Which of the following is the largest tarsal
has two categories Angiotensin 1 and angiotensin -2.	bone?
Angiotensin-2 is the protein that directly acts on blood	(a) Navicular (b) Calcaneus
vesells for construction and raising the blood pressure .	(c) Cuboid (d) Talus
225. The normal range of HDL cholesterol in a male is?	CGHS Delhi Pharmacist (26.12.2018)
(a) $120 \text{ to } 140 \text{ mg/dl}$ (b) $30 \text{ to } 60 \text{ mg/dl}$	Ans. (b) : The tarsal bones are found in the ankle and
(c) $160 \text{ to } 200 \text{ mg/dl}$ (d) $40 \text{ to } 60 \text{ mg/dl}$	include 7 bones . the calcaneus, talus, navicular, medial
CGHS Delhi Pharmacist (26.12.2018)	intermediate, lateral cuneiform and cuboid calcaneus
Ans. (d) : HDL (High density lipoprotein) cholesterol is	among all these tarsal bones is the largent in size.
a type of cholesterol that absorbs cholesterol in blood	231. The HYDROCHLORIC ACID in stomach is
and carries back in the liver, there fore usually it also	secreted by which type of cells?
known as good cholesterol Normal range of HDL	(a) Mucus neck cells (b) Enterschromoffin (EC) cells
cholesterol in male (men) is 40 to 60 mg/dl	(b) Enterochromatin (EC) cells
226. BLOOD GROUP ANTIGEN belong which of	(c) Falletal cells (d) Enterochromoffin like (ECL) cells
the following class of proteins?	(d) Enterocinomanin-fike (ECE) tens CCHS Dalbi Pharmacist (26 12 2018)
(a) Chromoproteins (b) Lipoproteins	Ang (a) : Deriothal colla are enithelial colla in the
(c) Nucleoproteins (d) Glycoproteins	stomach that secrete hydrochloric acid (HCL) the main
CGHS Delhi Pharmacist (26.12.2018)	constituent of gastric juice. It helps in the digestion of
Ans. (d) : Antigens (related to blood group) are protein	food absorption of minerals and controls the harmful
molecules found on the surface of red blood cells .	bacteria
Antigen belongs to class of proteins known as	232 Which of the following is in the normal range
glycoprotein. Actually human red blood cell	of weight of the Right Lung in an adult?
(erythrocytes) may prepare glycoprotein and glycolipid	(a) 1175 gm (b) 120 gm
components on their cen memorane surfaces that have	(c) 625 gm (d) 1345 gm
227 There i letting letting have (TSH)	CGHS Delhi Pharmacist (26.12.2018)
227. Invroid-stimulating normone (18H) or thurstrophic Hormone is secreted by which	Ans. (c): Among humans, the lungs in an adult
dand?	normally weigh approximately 100 gm (sum of left and
(a) Posterior Pituitary (b) Anterior Pituitary	right lungs) right lung is more in size and it weighs
(c) Thyroid (d) Supra renal	around 625 gm and the left lung weighs just less than
CGHS Delhi Pharmacist (26 12 2018)	600 gm (opprox 565 gm)
Ans (b) : A small and pea-sized gland located at the	233. DNA Replication and Transcription is the
have of human brain below the hypothalamus is known	function of which subcellular organelle?
as pituitary gland. It is divided into two main sections	(a) Endoplasmic Reticulum
the anterior pituitary (front lobe) and the posterior	(b) Nucleus
pituitary (back lobe) Anterior pituitary gland secretes	(c) Golgi body
the TSH (thyroid stimulating hormone) as well as some	(d) Lysosome
other hormones as adrenocorticotropic hormone	CGHS Deini Pharmacist (20.12.2018)
(ACTH) follicle-stimulating hormone (FSH) etc.	Ans. (b) : Nucleus is an important integral part of automatic set of a set of the senter of the sen
228. The normal rhythmical impulse is generated from	of cell floating in cytoplasm. Primary functions of
which point in the conductive system of heart?	nucleus are to store the cell's DNA maintain its
(a) Atrioventricular Bundle	integrity and instigate transcription and replication of
(b) Sinoatrial Node	the DNA.
(c) Purkinje Fiber	234. Which of the following is NOT a lipid derived
(d) Atrioventricular Node	autacoids?
CGHS Delhi Pharmacist (26.12.2018)	(a) Leukotrienes (b) Prostaglandins
Ans. (b) : Sinoatrial (SA) node is a small mass of	(c) Histamine
specialized tissue located in the right upper chamber	(d) Platelet activating factor
(atria) of the heart. It is a place in the heart from where a normal rhythmical electrical impulse is generated SA	CGHS Delhi Pharmacist (26.12.2018)
node is also known as sinus node	Ans. (c): Autacoids (or autocoids) are biological factors
220 Which of the following chamber of heart	which act like local hormones it have brief duration and
receives venous from the whole hody?	just act near their site of synthesis. Histamine among
(a) Right Ventricle (b) Right Atrium (b) Right Atrium	
(c) Left Ventricle (d) Left Atrium Histamine and serotonin are two important	
CGHS Delhi Pharmacist (26.12.2018) autacoids.	
Ans. (b) : Right atrium is one of the four chambers of	235. How many coccygeal vertebrae fuse to form
the heart, it receives venous from whole body as it	Coccyx Bone?
receives deoxygenated blood from the systemic	(a) 4 (b) 6 (c) 2 (d) 8
circulation via the superior and inferior vena cava.	CGHS Delhi Pharmacist (26.12.2018)

Anatomy & Physiology

Ans. (a) : The coccyx is a triangular arrangement of	(c) Phosphodiesterase inhibition
bone that makes up the very bottom portion of the spine	(d) Prostacyclin inhibition
below sacrum. The coccyx is formed of three four or	AIIMS Delhi Pharmacist (2018)
five coccygeal vertebrae fusing together.	Ans. (d): ADP receptor antagonism, Glycoprotein IIb/IIIa
236. When PARASYMPETHETIC STIMULATING	receptor antagonism, Phosphodiesterase inhibition are
drugs are used, which of the following action on	mechanisms of platelet aggregation inhibitory action. But
heart is noted?	prostacyclin inhibits platelet aggregation by increasing
(a) Bradycardia	cyclic AMP level. Prostacyclin is a circulating hormone
(b) Conductivity is enhanced	continually released by the lungs into the aterial
(c) Tachycardia	(Vacadilatation) and inhibits approaction (antithromhotic)
(d) Refractory period of atria is shortened	(vasodilatation) and infibits aggregation (antitrombolic).
CGHS Delhi Pharmacist (26.12.2018)	
Ans. (a) : Bradycardia is a condition represents slow	240. Which of the following cytokines are the most
heart rate. Bradycardia could occur due to the intake of	the targets for anti inflammatory agents used
those drags which stimulates parasympathetic activation	in rheumatoid arthritis?
and via sympathetic withdrawal.	(a) Tumor necrosis factor-a and Interleukin-1
237 Stimulation of the nicotinic recentor causes	(b) Acetylcholine esterase and Ficosanoids
(a) Muscle contraction and twitching	(c) Leukotrienes and Isoprostanes
(b) Bradwardia	(d) Adhesion factor and Monoamine oxidase A
(b) Diadycaidia (c) Pladder musele contraction	(d) Autesion factor and Monoannie Oxidase A
(d) Increase secretion of solive and costric soid	Annu (a) : Catalainea and annull matrix that are an (1)
(u) Increase secretion of saliva and gastile actu	Ans. (a) : Cytokines are small protein that are crucial in
CGRS Hyderabad Pharmacist (27.00.2018)	collicities and blood cells, they actually signal the immune
Ans. (a)	system to respond according the situation Tumor
The nicotinic acetylcholine receptors on the	necrosis factors a and interleukin -1 are the cytokines
endplate respond by opening channels for the	that play important role in regulation of inflammation
influx of sodium ions and subsequent endplate	and therefore are also target of anti-inflammatory agents
depolarisation leads to muscle contraction.	used in rheumatoid arthritis.
■ The acetylcholine immediately detaches from the	241. Which one of the followings is a FALSE
receptor and is hydrolysed by acetylcholinesterase	statement for competitive antagonists?
enzyme.	(a) They have an affinity for the agonist binding
238. Study the following two statements and choose	site on receptor
the correct answer.]	(b) They have no intrinsic activity
[P]: Antibodies are immunity to new providing	(c) They cause parallel rightward shift of the
immunity.	control dose response curve
[Q]: lgG provides immunity to new born babies	(d) Maximum response of the agonist cannot be
while lgM is the first generated antibody.	achieved in their presence by increasing the
(a) P is correct and Q is incorrect	Concentration of the agonist.
(b) P is incorrect and Q is correct	Anny (1) - A completion option planmacist (2018)
(c) Both P and O are correct	Ans. (d) : A completive antagonist binds to the same
(d) Both P and O are incorrect	the agonist's action, but we can achieve the maximum
AIIMS Delhi Pharmacist (2018)	response of as agonist if its concentration is increased
Ans (a): An antibody is a protein (Immunoglabulin	242 Which are of the following recentors is NOT a
Ans. (c): An annoody is a protein (ininunogioounin	242. Which one of the following receptors is NOT a
(Ig) component of the immune system present in the	
(Ig) component of the immune system present in the	ligand-gated ion channel receptor?
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign what nee) such as heat ris fingi viewees and tavira)	(a) Nicotinic Receptor (b) 5HT3-Receptor
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in promoting these from the help.	(a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body.	(a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AIIMS Delhi Pharmacist (2018)
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and	(a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AIIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes	(a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AIIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors.
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive	(a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AIIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive the various kinds of Immunoglobin's (Ig) with	(a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AIIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and exocrine glands the pulmonary system etc.
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive the various kinds of Immunoglobin's (Ig) with specifically Immunoglobin G (I ₂ G) from their mother.	 ligand-gated ion channel receptor? (a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and exocrine glands the pulmonary system etc. 243. Somatostatin is released from (c) A branch match H2 (f) D
(Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive the various kinds of Immunoglobin's (Ig) with specifically Immunoglobin G (I ₂ G) from their mother. 239. Which of the following mechanisms is NOT	Iigand-gated ion channel receptor? (a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AIIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and exocrine glands the pulmonary system etc. 243. Somatostatin is released from (a) Adrenal medulla (b) Pancreas (c) Tactas
 (Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive the various kinds of Immunoglobin's (Ig) with specifically Immunoglobin G (I₂G) from their mother. 239. Which of the following mechanisms is NOT related to platelet aggregation inhibitory 	ligand-gated ion channel receptor? (a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AIIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and exocrine glands the pulmonary system etc. 243. Somatostatin is released from (a) Adrenal medulla (b) Pancreas (c) Testes (d) Ovaries
 (Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive the various kinds of Immunoglobin's (Ig) with specifically Immunoglobin G (I₂G) from their mother. 239. Which of the following mechanisms is NOT related to platelet aggregation inhibitory action? 	ligand-gated ion channel receptor? (a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AlIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and exocrine glands the pulmonary system etc. 243. Somatostatin is released from (a) Adrenal medulla (b) Pancreas (c) Testes (d) Ovaries HPSSC Pharmacist (19.08.2018)
 (Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive the various kinds of Immunoglobin's (Ig) with specifically Immunoglobin G (I₂G) from their mother. 239. Which of the following mechanisms is NOT related to platelet aggregation inhibitory action? (a) ADP receptor antagonism 	ligand-gated ion channel receptor? (a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AlIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and exocrine glands the pulmonary system etc. 243. Somatostatin is released from (a) Adrenal medulla (b) Pancreas (c) Testes (d) Ovaries HPSSC Pharmacist (19.08.2018) Ans. (b) : Somatostatin is released from pancreas. The endocrine part of the pancreas consists of
 (Ig) component of the immune system present in the blood serum. They attach to antigens (foreign substance) such as bacteria, fungi, viruses and toxins) and help in removing these from the body. Immunoglobin M (IgM) is found mainly in blood and lymph fluid. This is the first antibody, the body makes when it fights a new infection. Human infants receive the various kinds of Immunoglobin's (Ig) with specifically Immunoglobin G (I₂G) from their mother. 239. Which of the following mechanisms is NOT related to platelet aggregation inhibitory action? (a) ADP receptor antagonism (b) Glycoprotein IIb/IIIa receptor antagonism 	ligand-gated ion channel receptor? (a) Nicotinic Receptor (b) 5HT3-Receptor (c) GABAA-Receptor (d) H2 - Receptor AlIMS Delhi Pharmacist (2018) Ans. (d): The histamine receptor H2 belongs to the rhodoprin – like family of G- protein coupled receptors. H2 receptors are found in the brain, the endocrine and exocrine glands the pulmonary system etc. 243. Somatostatin is released from (a) Adrenal medulla (b) Pancreas (c) Testes (d) Ovaries HPSSC Pharmacist (19.08.2018) Ans. (b) : Somatostatin is released from pancreas. The endocrine part of the pancreas consists of specialised tissue called the islets of Langerbans

The islets of Langerhans consist of alpha, beta and delta	Ans. (b) : The Golgi bodies or Golgi apparatus is the
cells.	sorting, packaging and distribution center of the
Insulin and glucagon are secreted by the beta and alpha	exocytic pathway, handling proteins and lipids destined
cells respectively. They are responsible for maintaining	for the ER, plasmamembrane, endosome and lysosomes
Ine blood glucose levels.	or the Golgi body itself.
the hypothalamus. The target organ of somatostatin are	249. Renin a proteolytic enzyme which is produced
the anterior pituitary and the pancreas	
Somatostatin inhibits the secretion of growth hormone	(a) Spleen (b) Liver
by the pituitary, and the secretion of insulin & glucagon	(c) Kidney (d) Pancreas
by the pancreas.	HPSSC Pharmacist (19.08.2018)
244 Vasopressin is released from	Ans. (c) : Renin is a proteolytic enzyme made by
(a) Parathyroid gland (b) Hypothalamus	special cells in our kidney. It's part of the renin -
(c) Pituitary gland (d) Pineal gland	angiotensin- aldosterone system. A chain reaction
HPSSC Pharmacist (19.08.2018)	Superifically manine controls the medication of alde
Ans (c) · Vasonressin also known as antidiuretic	specifically, renin controls the production of aldo-
hormone is a pentide hormone synthesized in the	Steron, a normone made by our adrenar grands.
hypothalamus and stored or released from the posterior	250. Mannitol Is
nituitary gland	(a) Loop diuretic
245 The hormone involved in the correction and	(b) Potassium sparing diuretic
regulation of milk is	(c) Carbonic annydrase diuretic
(a) Progesterone (b) Prolactin	(d) Osmotic diuretic
(c) Oestrogen (d) FSH	HPSSC Pharmacist (19.08.2018)
HPSSC Pharmacist (19.08.2018)	Ans. (d) : Mannitol is an osmotic diuretic that is
ESIC Delhi Pharmacist (19.03.2016)	metabolically inert in human and occurs naturally, as a
Ans. (b) : The hormone involved in the secretion and	sugar or sugar alconol, in fruits and vegetables.
regulation of milk is Prolactin.	Mannitol elevates blood plasma osmolality, resulting in
Prolactin is necessary for the secretion of the milk by	enhanced flow of water from tissues, including the
the cells of the alveoli. The level of prolactin in the	plain and celebrospinal fluid, in to in interstitial fluid &
blood increases markedly during pragnancy, and	
stimulates the growth and development of mammary	251. Aminoacia present in nigh concentration in
Drolactin involved in the lactational process, prolactin is	(a) Clutamic acid (b) Lycine
the key hormone controlling milk synthesis	(a) Ordianne acta (b) Eysine (c) Arginine (d) Proline
246 How many pairs of cranial nerves do human	Kerala PSC Pharmacist Gr II (01 06 2018)
have?	Ans (a): Clutamic acid is the most abundant amino acid
(a) 8 (b) 10 (c) 12 (d) 14	in the brain it is also a neurotransmitter so armstrong
HPSSC Pharmacist (19.08.2018)	expected to see at least some D - gluramati
Ans. (c) : There are 12 pairs of cranial nerves and 31	The three amino acids with the highest levels in the brain
pairs of spinal nerves which constitute of peripheral	tissues are glutamic acid glutamine and aspartic acid
nervous system or PNS.	252 Which of the following monoclonal antibody is
247. The sudden influx of sodium in heart muscle	fully human origin?
results in :	(a) Daclizumah (b) Inflizimah
(a) Depolarisation (b) Repolarisation	(a) Adalimumah (d) Edrecolomah
(c) Slow depolarisation (d) Slow repolarisation	Karala PSC Pharmacist Cr II (01 06 2018)
HPSSC Pharmacist (19.08.2018)	Ang (a): Monoclonal antibady (mAb) are antibadias
Ans. (a): The sudden influx of sodium in heart muscles	that are identical because they were produced by one
results in Depolarization.	type of immune cell all clones of a single parent cell
Depolarization of the heart leads to the contraction of	\rightarrow 1986 first monoclonal antibody reached the market-
the heart muscles and therefore an electrocardiogram is	muromonab CD3
an in direct indicator of the heart muscles contractions.	\rightarrow 2003 first fully human monoclonal antibody
The cells of heart will depolarize without an outside	Adalimumab
stimulus. This property of cardiac muscles tissue is	253 An indication of renal function which is used to
called automaticity or autorhythmicity.	estimate glomerular filtration rate is
248. The modifying, sorting and packaging of	(a) Serum urea
proteins for secretion in cell is carried out by	(b) Serum alkaline phosphatase
(a) Lysosomes (b) Golgi bodies	(c) Blood urea nitrogen
(c) Ribosomes (d) RNA	(d) Serum creatinine
HPSSC Pharmacist (19 08 2018)	Kerala PSC Pharmacist Gr II (01 06 2018)

Ans. (d): Serum creatinine is a waste Product in our	• It plays a central role in the coagulation cascade at
blood that comes from our muscles healthy kidney filter	the point of convergence of the intrinsic & extrinsic
creatinine level is based on a blood test that measures	258 Which part of the eve is light sensitive
the amount of creatinine in our blood.	(photosensitive)?
254. All enzymes involved in glycolysis are present	(a) Iris (b) Sclera
in	(c) Lens (d) Retina
(a) Mitochondria (b) Blood	GPAT-2018
(c) Cytosol (d) Cellwall	Ans. (d) : • Retina is the light-sensitive layers of nerve
Kerala PSC Pharmacist Gr.II (01.06.2018)	tissue at the back of the eye, that receive images &
Ans. (c) : All enzymes involved in glycolsis are present	the brain
in cytosol, rest of the processes of aerobic respiration	• The optics of the eve create a focused 2-D image of
takes in the mitochondria.	the visual world on the retina, which then processes that
\Rightarrow A mitochondrion is an organelle found in the cells of	image within the retina & sends nerve impulses along
Mitochondria have a double membrane structure and	the optic nerve to the visual cortex to create visual
use areobic respiration to generate adenosine	perception.
triphoshate, which is used throughout the cell as source	• The retina serves a function which is in many ways
of chemical energy.	camera
255. Most abundant cation in the extra cellular fluid	259 Identify the specific site where maturation of
(a) Potassium (b) Calcium	sperm takes place.
(c) Sodium (d) Chloride	(a) Spermatic cord (b) Epididymis
Kerala PSC Pharmacist Gr.II (01.06.2018)	(c) Testis (d) Vas deference
Ans. (c) : Electrolyte are substance that dissociate in	GPAT-2018
solution and have the ability to conduct and electrical	Ans. (b): The epididymis is a tube that connects a testicle
current. These substances are located and in the	to a vas-deterens in the male reproductive system.
extracellular and intracellular fluid, within the	• Spermatozoa formed in the testes enter the caput epididymis progress to the corpus where they are stored
major anion is chloride the major cation in the	• During their transit in the enididymis sperm under
Intracellular fluid is potassium.	goes maturation process necessary for them to acquire
256. Intracellular enzyme which is a combination of	motility & fertility.
256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in	Final maturation (Capacitation) is completed in the
256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as	 Final maturation (Capacitation) is completed in the female reproductive tract.
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes 	 bots initiation process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm mediation in female.
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin 	 Boos induction process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) 	 biological process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which 	 biological process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, 	 biological process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome 	 bit in the intervence of the interv
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. 	 boto initiation process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone GPAT-2018 Ans. (c): Follicle stimulating hormone (FSH)- regulates
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding myoglobin and myoglobin are typical heme -binding 	 bots induction process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & manual states and states
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport of a work of	 bots induction process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone (d) Adrenocorticotropic hormone (e) Follicle stimulating hormone (f) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. (f) both males & females ESH stimulates the
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 	 bots induction process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone (d) Adrenocorticotropic hormone (e) Follicle stimulating hormone (f) Adrenocorticotropic hormone Mans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as 	 boto initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone GPAT-2018 Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (c) Cit time for the Weight of the state o	 bots initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone GPAT-2018 Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Cytochrome for the factor of the f	 bots induction process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone (d) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary.
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - VIII (c) Clettine factor - VIII 	 Boos induction process necessary for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone (d) Adrenocorticotropic hormone (e) Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females ^(Q), FSH induces follicular growth
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - X (c) Clotting factor - X 	 bots induction process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone (e) Follicle stimulating hormone (f) Adrenocorticotropic hormone (f) Adrenocorticotropic hormone Mans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females (9), FSH induces follicular growth specifically affecting granulosa cells. With the
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - XII 	 boto initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone GPAT-2018 Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females ^(Q), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the level of the secret.
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - X (c) Clotting factor - X (d) Clotting factor - XII 	 boto initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone Mas. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females (P), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the late follicular phase.
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - X (c) Clotting factor - X (d) Clotting factor - X 	 bots induction process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females ^(Q), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the late follicular phase.
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - X (c) Clotting factor - X (d) Clotting factor - X is known as stuart factor or thrombokinase. 	 bots induction process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females (P), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the late follicular phase. 261. Identify the correct pair from the following:- (a) Sympathetic stimulation: Secretion of
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - XII GPAT-2018 Ans. (c) : Clotting factor - X is known as stuart factor or thrombokinase. Factor - X, also known by the eponym stuart-Prower 	 bots initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females (9), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the late follicular phase. 261. Identify the correct pair from the following:- (a) Sympathetic stimulation: Bronchoconstriction of gastric juice
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - XII GPAT-2018 Ans. (c) : Clotting factor - X is known as stuart factor or thrombokinase. Factor - X, also known by the eponym stuart-Prower factor, is a enzyme of the coagulation cascade. It is a provide and the coagulation cascade.	 boto initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females (q), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the late follicular phase. 261. Identify the correct pair from the following:- (a) Sympathetic stimulation: Contraction of pupil
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - XII GPAT-2018 Ans. (c) : Clotting factor - X is known as stuart factor or thrombokinase. Factor - X, also known by the eponym stuart-Prower factor, is a enzyme of the coagulation cascade. It is a serine endopeptidase. 	 boto initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females ^(Q), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the late follicular phase. 261. Identify the correct pair from the following:- (a) Sympathetic stimulation: Contraction of pupil (d) Parasympathetic stimulation: Dilatation of
 256. Intracellular enzyme which is a combination of heme and protein and act as catalyst in biological oxidation are termed as (a) Hemoglobin (b) Cytochromes (c) Creatine kinase (d) Transferrin Kerala PSC Pharmacist Gr.II (01.06.2018) Ans. (b) : Hemo is kind of porphyrin compound which binds iron. It is auxiliary group of hem proteins, including, hemoglobin myoglobin, cytochrome peroxides, cataloes etc. hemoglobin and myoglobin are typical heme -binding proteins, which are partners in the transport in the transport and storage of oxygen in vertebrates 257. Identify the clotting factor which is known as Stuart factor or thrombokinase. (a) Clotting factor - IV (b) Clotting factor - X (c) Clotting factor - X (d) Clotting factor - X is known as stuart factor or thrombokinase. Ans. (c) : Clotting factor - X is known as stuart factor or thrombokinase. Factor - X, also known by the eponym stuart-Prower factor, is a enzyme of the coagulation cascade. It is a serine endopeptidase. Factor - X, is synthesized in the liver & requires it with the factor or thrombokinase. 	 boto initiation process increasing for them to dequire motility & fertility. Final maturation (Capacitation) is completed in the female reproductive tract. 260. Identify the hormone that stimulates sperm production in testes and ovulation in females. (a) Prolactin (b) Luteinising hormone (c) Follicle stimulating hormone (d) Adrenocorticotropic hormone GPAT-2018 Ans. (c): Follicle stimulating hormone (FSH)- regulates the development, growth, pubertal maturation, & reproductive process of the human body. In both males & females, FSH stimaulates the maturation primordial germ cells. In males, FSH induces sertoli cells to secrete and rogen-binding proteins (ABPs), regulated by inhibin's negative feedback mechanism on the anterior pituitary. In Females ^(Q), FSH induces follicular growth specifically affecting granulosa cells. With the concomitant rise in inhibin-B, FSH level then decline in the late follicular phase. 261. Identify the correct pair from the following:- (a) Sympathetic stimulation: Contraction of pupil (d) Parasympathetic stimulation: Contraction of pupil

Ans. (b): Correct pair is -	(a) Pancytopenia (b) Leucocytosis (c) Leucopenia (d) Neutropenia	
• Sympathetic Stimulations are _	Kerala PSC Pharmacist Gr.II (01.06.2018)	
• Acceleration of heart rate	Ans (c) : Condition is leuconenia WBC is significantly	
• Widen bronchial passages	lower than the reference range	
Constrict blood vessels	Leucopenia (low white blood cell count) happens when	
Construct blood vessels.	you have a lower than normal number of white blood	
• Activate goose humps	cells specifically, you have fewer - neutrophils than	
Activate goose bumps Sweeting	normal. Neutrophilis are white blood cells that act as	
• Sweating.	you immune system's first line of defense.	
 Raise blood plessule. Decreases movement of the large instacting 	266. The Immunoglobin present in very low	
• Decreases movement of the large instestine.	concentration in normal serum	
• rarasympathetic summations are -	(a) $\lg E$ (b) $\lg M$	
• Salivation	(c) $\lg G$ (d) $\lg A$	
• Lacillation	Kerala PSC Pharmacist Gr.II (01.06.2018)	
• Increases motility of intestines & relaxation of sphincters of stomach	Ans. (a) : The Immunoglobin IgE present in very low	
Slows down heart rate	concentration is normal serum.	
• Secretion of gastric juice	Although IgE is typically the least abundant also type	
• Contraction of pupil	blood serum IgE levels in normal (non - atopic) in	
262 Histomine concentration is highest in-	dividable are only 0.05 of the IgE at 10 mg/ml.	
(a) Beta cells (b) Mast cells	267. The longest and strongest bone of the body is	
(c) Lymphocytes (d) Adipocytes	·	
(c) Elympholytes (d) Hulpolytes GPAT-2018	(a) Fibula (b) Radius	
Ans. (b) : Histamine can also be produced by	(c) Femur (d) Humerus	
basophiles & other immune cells, but much higher	Gujarat BMC Pharmacist (30.12.2018)	
concentrations of histamine may be found in intestinal	Ans. (c) : Femur is the longest & strongest bone of the	
mucosa, skin & bronchial tissues & mast cell.	body. It's a critical part of your ability to stand & move.	
• Mast cells play an important role in how the immune	All of the body weight is supported by the femur during	
system responds to certain bacteria & parasites & they	many activities, such as running, jumping, walking and	
help control other types of immune responses.		
• They contain chemicals such as histamine, heparin,	268. Acetylcholine is	
263 Which of the following is used to lighted large	(a) Muscarinic receptor agonist	
205. Which of the following is used to figated large blood vessels?	(b) Muscarinic receptor antagonist	
(a) Aneurism clip (b) Foley's catheter	(c) Adrenergic receptor agonist	
(c) Splint (d) Umbilical tape	(d) Adrenergic receptor antagonist	
Kerala PSC Pharmacist Gr.II (01.06.2018)	Gujarat BMC Pharmacist (30.12.2018)	
Ans. (a) : Brain aneurism clipping is a type of	Ans. (a): Acetylcholine is a muscarinic receptor	
microsurgery in which a metal surgical clip is used to	agonist. Acetylcholine is the physiological agonist.	
off an aneurism in the brain.	antagonist which define the recentor class. Muscarinic	
The surgeon makes a small an opening in our skull to	receptors are divided into five main subtypes M_1 M_2	
reach brain. They use an operating microscope and very	M_3 , M_4 & M_5 . The molecule acetylcholine activates	
small instrument to perform detailed surgical	muscarinic receptors, allowing for a parasympathetic	
procedures.	reaction in any organs & tissues where the receptor is	
264. An ultra filtrate of plasma formed by the	expressed. Muscarinic antagonists are also known as ant	
choroid plexus is	cholinergic agents.	
(a) Cerebrospinal fluid (b) Amniotic fluid	269is not associated with ischemic heart disease.	
(c) Interstitial fluid (d) Serum	(a) Atherosclerosis	
Kerala PSC Pharmacist Gr.II (01.06.2018)	(b) Congestive heart disease	
Ans. (a) : An ultra filtrate of plasma formed by the	(c) Angina pectoris	
choroid plexus is cerebrospinal fluid. Cerebrospinal	(d) Myocardial infarction	
fluid (CSF) is clear plasma - like fluid (an ultrabiltrate	Gujarat BMC Pharmacist (30.12.2018)	
of plasma) that bathes the central nervous system	Ans. (b) : Ischemic means that an organ (Heart) is not	
(CNS). It occupies the central spinal canal, the	getting enough blood & oxygen, ischemic heart disease	
ventricular system and the subarachnoid space.	also called coronary heart disease.	
265. Condition in which WBC is significantly lower than the reference range	When the blood flow to the heart muscle is completely	
than the reference range	polocked the heart muscle cells die. which is termed a	

given repeated small doses of toxin until it's blood creates heart attack or myocardial infarction (mI). Unstable angina (UA), Non-SI - segment elevation myocardial sufficient concentration of the antibody or antibody for the (NSTEMI). infarction ST-Segment elevation disease resistance. mvocardial infarction (STEMI), Unspecified 276. Platelets contain an enzyme which has an myocardial infarction (MI) is a type of ischemic heart important role in clotting of blood. This disease. So congestive heart disease is not associated enzyme is known as with ischemic heart disease. (a) Cholinesterase (b) Transaminase 270. Thin plate like bone present in postero-inferior (c) Decarboxylase (d) Thrombokinase part of the nasal septum VSSC Pharmacist-A (10.12.2017) (a) Zygomatic bone (b) Parietal bone Ans. (d) : Thrombokinase is an enzyme present in (c) Ethmoid bone (d) Vomer platelets of blood. Thrombokinase is required blood Kerala PSC Pharmacist Gr.II (12.07.2017) clotting. Blood clotting is the process by which the loss Ans. (d) : Vomer is the thin plate like bone present in of blood is prevented at the site of injury and the injured postero-inferior part of the nasal bones of the skull. site is healed. 271. Gluconeogenesis mainly occurs in 277. Glycogen is present is all body tissue except (a) Muscle (b) Pancreas (c) Kidney (d) Adipose tissue (a) Liver (b) Brain Kerala PSC Pharmacist Gr.II (12.07.2017) (c) Kidney (d) Stomach Ans. (c) : Gluconeogenesis occurs in the liver and kidney VSSC Pharmacist-A (10.12.2017) and it starts in the mitochondria of the cells. Ans. (b) : Glycogen is present in all body tissues except Gluconeogenesis stimulated by some of the hormones as brain. Glycogen is a complex glucose polymer found in growth hormone glucagon, epinephrine and cortisol etc. a variety of tissues including brain where it is localized primarily in astrocytes. 272. Nicotinic receptors are found in (a) Skeletal muscles (b) Smooth muscles 278. The conversion of carotenoids to vitamin A (c) Heart (d) Exocrine glands takes place in Kerala PSC Pharmacist Gr.II (12.07.2017) (a) Intestine (b) Liver (c) Kidney (d) Skin Ans. (a) : Nicotinic receptors are found in the somatic VSSC Pharmacist-A (10.12.2017) nervous system (i.e. neuromuscular junctions in skeletal muscles) and in the sympathetic and parasympathetic Ans. (a) : In humans conversion of β -carotene into nervous system. vitamin A takes place predominantly in the intestine 273. Creatinine clearance is used as measurement of and less so in other tissues. (a) Renal excretion rate 279. The precursor of bile salts, sex hormones and (b) Glomerular filtration rate vitamin D is (c) Passive renal absorption (a) Diosgenin (b) Cholesterol (d) Active renal secretion (c) Campesterol (d) Ergosterol Kerala PSC Pharmacist Gr.II (12.07.2017) VSSC Pharmacist-A (10.12.2017) Ans. (b): Creatinine clearance is used as measurement Ans. (b): Cholesterol also works as a precursor for the of glomerular filtration rate. Creatinine clearance is synthesis of steroid hormones vitamin D, and bile salts generally measured in milliliters per minute (mL/min) which and important in fat absorption from the small or misters per second (mL/s). intestine in to the blood circulatory system and Glomeruar filtration rate (GFR) is a blood test that secretion of liver waste products through excretion. checks how well our kidneys are working. 280. Tetracycline is found in large quantities in 274. Most abundant antibodies found in serum (a) Liver (b) Bone (a) Ig M (b) Ig A (c) Ig D (d) Ig G (c) Kidney (d) Spleen Kerala PSC Pharmacist Gr.II (12.07.2017) Kerala PSC Pharmacist Gr.II (18.05.2017) Ans. (d) : A Most abundant antibody found in the Ans. (b) : Tetracycline is found in large quantities in serum is Ig-G. Immunoglobin G is a type of antibody, bone. representing approximately 75% of serum antibodies in Since tetracycline is absorbed into bone, it is used as a our body. marker of bone growth for biopsies in 275. Antibody containing preparation are • Tetracycline may be stored in bone due to a commonly known as tetracycline hydrochloride calcium phosphate complex (a) Antitoxins (b) Vaccines after prolonged tetracycline administration. (c) Toxoids (d) Polyvalent vaccines 281. Average life span of erythrocytes in humans Kerala PSC Pharmacist Gr.II (12.07.2017) (a) 100 days (b) 45 days Ans. (a): Antibody containing preparations are commonly (d) 90 days known as antitoxins. Antitoxins are produced by injecting an (c) 120 days animal with toxin in, the animal most commonly horse, is Kerala PSC Pharmacist Gr.II (18.05.2017)

 Ans. (c): Average life span of erythrocytes in humans are 120 days. Human red blood cells (RBC) after differentiating from erythroblasts in the bone marrow, are released into the blood and survive in the circulation for a 120 days. 	 (6) If pregnancy does not occur, then the corpus luteum degenerates into a scar known as corpus albicans and uterine lining is prepared to be shed again. (a) 1, 2, 3 and 6 (b) 2, 3, 4 and 6 (c) 1, 2, 4 and 5 (d) 1, 4, 5 and 6
 282. Milky white color of urine is due to the presence of (a) Albumin (b) Fat globules (c) Haemoglobin (d) Nephritis Kerala PSC Pharmacist Gr.II (18.05.2017) Ans. (b) : Milky white color of urine is due to the presence of fat globules. Milky urine is a sign of a urinary tract of infection, which may also caused a bad smell. Milky urine may also be caused by bacteria, crystals, fat white or red blood cells, or mucus in the urine. 283. The thymus secretes several hormones related to the immunity. These hormones promote the maturation of T lymphocyte cells. The hormones are- 1. Thymosin 2. Thymichumoral factor 3. Thymic factor 4. Inter;eiloms (a) Only 1,2 (b) 1,2 and 3 (c) Only 3 (d) Only 4 	 GPAT-2017 Ans. (a): The reproductive system in females consists of the ovaries, uterine tubes, uterus, vagina and external genitalia, periodic changes occur, nearly every one month, in the ovary and uterus of a fertile female. The ovarian cycle consists of three phases: follicular (perovulatory) phase, ovulation, and luteal (postovulatory) phase, where as the uterine cycle is divided into menstruation, proliferative (postmenstrual) phase and secretary (premenstrual) phase. During the menstrual phase, small secondary follicles in the ovary being to enlarge while the uterus is shedding its lining. If pregnancy does not occur, then the corpus luterum degenerates into a scar known as corpus albicans and uterine lining is prepared to be shed again. During the pre-ovulatroy phase, a dominant follicle continues to grow and begins to secret estrogen. Ovulation is the process of rupture of the Grafian follicle and release of the mature ovum from the ovary.
 GPAT-2017 Ans. (b) : The thymus secretes several hormones related to the immunity. These hormones promote the maturation of T. lymphocyte cells. The hormones are thymosin, thymichumoral factor, thymic factor. These hormones produced by thymus gland. Thymosin and other thymus are involved in maturation of thymocytes. Thymus gland in endocrine gland situated in thorax cavity it present above the heart. Interleukins are a type of cytokine first thought to be expressed by leukocytes alone but have later been found 	 285. Which of the following statement regarding cerebral hemisphere is true (a) The right and left hemisphere are symmetrical (b) This right more important for spoken and written language (c) The left hemisphere is more important for musical and artistic awareness (d) Hemispheric lateralization is more pronounced in male than in female GPAT-2017 Ans. (d): Cerebral Hemispheres:- • It is the largest part of the brain and large paired structures, divided into left and right hemispheres.
 to be produced by many other body cells. The play essential roles in the activation and differentiation, of immune cells, as well as proliferation, maturation, migration and adhesion. 284. In respect of female reproductive cycle, which of the following statements are correct (1) The female reproductive cycle consists of menstrual phase, a pre-ovulatory phase, ovulation and post ovulatory phase. (2) During the menstrual phase, small secondary follicles in the ovary begin to enlarge while the uterus is shedding its lining. (3) During the pre-ovulatory phase, a dominant follicle continues to grow and begins to secret estrogen and inhibin while the uterine lining begins to rebuild 	 In left hemispheres Right hemispheres ⇒ Analysis, facts, logic, science, language etc. ⇒ Creative, Intuition, Arts, Emotions, music, Zmagination etc The right and left hemisphere are asymmetrical and hemispheric lateralization is more pronounced in male than female. The right hemisphere is more important for musical and artistic awareness. 286. The process by which the formed elements of blood develop is call as hemopoiesis. In the process of hemopoies is the stem cells are converted into myeloid stem cell and subsequently differentiated and are developed into precursor cells. Match the following
 (4) Ovulation results in the release of an ovum and the shedding of the uterus lining tonourish and support the release ovum. (5) After ovulation, a corpus luteum forms the ruptured follicles and begins to secrete progesterone and estrogne, which it will 	precursor cells with the formed elements of blood from which they are formed.(i)Reticulocyte(a)(ii)Megakaryoblast(b)(iii)Myeloblast(c)Erythrocytes
Anatomy & Physiology 3	(iv) Monoblast (d) Neutrophils 7 YCT

(a) 1-C, 2-A, 3-D, 4	-B (b) 1-A, 2-C, 3-B, 4-D	290. The process in which there is union of single
(c) 1-B, 2-D, 3-C, 4	-A (d) 1-D, 2-B, 3-A, 4-C	spermatozoan with ovum at ampullary part of
	GPAT-2017	a tube is called as
Ans. (a) : The process by	which the formed elements	(a) Obgenesis (b) Spermatogenesis
process of hemopoiesis is the stem cells are converted		(c) Fermization (d) Conception MP Vyanam Pharmacist(16.04.2017 Shift_III)
into myeloid stem cell & subsequently differentiated		Ans (a) : The process in which there is union of single
& are developed into precursor cells. The correct		spermatozoan with ovum at ampullary part of a tube is
matches of formed elemen	ts & precursor cells are-	called as fertilization.
Reticulocyte	Erythrocytes	Fertilization :- The fusion of a haploid male gamete
 Megakaryoblast 	Platelets	(spermatozoa) and a haploid female gamete (ovum) to
Myeloblast	Neutrophils	form a diploid cell the zygote, is called fertilization.
Monoblast	Macrophages	291. In mammary glands, milk secretion occurs due
287. Cells that contribut	e for immune system are	(a) Estrogen (b) Progesterone
1. T Lymphocytes	2. Eosinophil	(a) Estrogen (b) Projectione (c) Projectin (d) Oxytocin
3. B Lymphocytes	4. Dendritic cells	MP Vyapam Pharmacist(16.04.2017.Shift-I)
5. Erythrocytes	6. Natural killer cells (b) $1.2.4$ and 6	Ans. (c) : In mammary glands, milk secretion occurs
(a) $1,3,4$ and 0 (c) $1,3,5$ and 6	(b) $1,2,4$ and 0 (d) $1,2,5$ and 6	due to prolactin. Prolactin is a hormone made by the
(c) 1,5,5 and 6	(u) 1,2, 5 and 6 GPAT-2017	pituitary gland (a small gland at the base of brain).
Ans (a) · Cells that cont	ributes for immune- system	Prolactin causes the breasts to grow and make milk
are:- •T- Lymphocytes	fieldes for minute system	during pregnancy and after birth.
B- Lymphocytes		292. Angiotensinogen is produced by
• Dendritic cells.		(a) Kluney (b) Liver
Natural killer cel	lls.	MP Vyanam Pharmacist (16 04 2017 Shift-I)
Immunity is defined as res	istance exhibited by the host	Ans (b) • Angiotensingen is produced by liver. It is an
Immunity may be inpute or		alpha-globuline and the peptide prohormone and
299 DNA synthesis on D	NA strend is known as	synthesized primarily in the liver and circulates in
(a) Transcription	(b) Translation	plasma. Angiotensinogen causes blood vessels to
(c) Transduction	(d) Replication	become narrower and therefore it helps to maintain
Kerala PSC Pl	narmacist Gr.II (18.05.2017)	blood pressure and fluid balance in the body.
Ans. (a) : RNA synthesis	on DNA strand is known as	293. Corpus luteum is maintained by
transcription.		(a) FSH (b) Esubgen (c) HCG (d) Oxytocin
• The central dogma of mo	lecular biology states that the	MP Vyanam Pharmacist(16.04.2017.Shift-I)
information flows from D	NA to m-RNA and then to	Ans. (c) : Corpus luteum is a completely normal cyst. It
protein.		is a yellow hormone-secreting body in the female
Synthesis of m-RNA from	DNA is called transcription.	reproductive system. It is formed in an ovary at the site
• Translation– The synthes	is protein from RNA.	of a follicle. Human choroinic gonadotropin (HCG)
During translation, riboso	me's synthesize polypeptide	hormone produced by the placenta during preganancy
chains from m-RNA templa	ate molecules.	maintain pregnancy
289. The Pigment in the	rod cells of eye is called as	294 Site of action of ADH is
(a) Melnin		(a) Proximal tubules
(b) Rhodopsin		(b) Ascending loop of Henle
(c) Color blindenne	5	(c) Descending loop of Henle
(d) Defect in blood	clotting	(d) Collecting duct
Kerala PSC Pl	narmacist Gr.II (18.05.2017)	MP Vyapam Pharmacist(16.04.2017,Shift-I)
Ans. (b) : The pigment in	the rod cells of eye is called	Ans. (d) : Antidiuretic Hormone (ADH) primarily
as rhodopsin.		affects the ability of the kidney to reabsorb water, when
• Rhodopsin is the light r	eceptor in rod photoreceptor	present. ADH induces expression of water transport
cells of the retina.		proteins in the late distal convoluted tubule and
• Rhodopsin, a visual	pigment found in the rod	205 The surface state of the s
pnotoreceptor cell of the	e retina, is responsible for	(a) T. Lymphonytog (b) Liver
biological processes in the	nervous systems of humans	(a) 1- Lymphocytes (b) Liver
and other vertebrate animal	s allowing them to sense	(c) Muscles (d) Platelets
und other verteorate animal	s and wing them to sense.	wir v yapam r narmacist(10.04.2017,5nift-1)

Ans. (d): Thromboxane A_2 (TXA ₂) is the major platelet product of arachidonic acid metabolism by the eicosanoid pathway and its synthesis occurs very rapidly. Thromboxane A_2 binds to a G protein coupled receptor on the plate surface leading to an increase in	 Ans. (b) : Heart is made up of muscular tissue. ⇒ Cardiac muscle tissue is one of the three type of muscle tissue in our body. ⇒ Cardiac muscle tissue is only found in our heart, where it performs coordinated contractions that allow up here to the performent of the set to the performance of the set to the performance of the set to the performance of t
intracellular calcium and activation of protein kinase.	our heart to pump blood through circulatory system.
296. In CNS, the main excitatory neurotransmitter.	\Rightarrow The heart is muscular organ. \Rightarrow The heart is largely made up of type of muscle tiggue
(a) GABA (b) Glutamate	\Rightarrow The heart is largely made up of type of muscle tissue called cardiac muscle
(c) Glycine (d) Dopamine	301 During each cycle of blood circulation in
MP Vyapam Pharmacist(16.04.2017,Shift-1) 501. During each cycle of blood ch mammals, blood flows through the	
Ans. (b) : In central nervous system, the main	(a) Only once (b) Thrice
excitatory neurotransmitter is glutamate. Glutamate in	(c) Four times (d) Twice
the brain is the most alundant excitatory	MP Vyapam Pharmacist(16.04.2017.Shift-II)
neurotransmitter.	Ans. (d) : Blood comes in to the right atrium from the
297. What is the life span of the platelets?	body, moves into the right ventricle and is pushed into
(a) 1-2 days (b) 7-10 days	the pulmonary artries in the lungs. After picking up
(c) 1 month (d) 45 days	oxygen, the blood travels back to the heart through the
MP Vyapam Pharmacist(16.04.2017,Shift-I)	pulmonary veins into the left atrium, to the left ventricle
Ans. (b) : Life span of he platelets is about 7-10 days.	and out to the body's tissues through the aorta.
Platelets are tiny blood cells that help our body by	302. Which connective tissue is found between the
forming clots to stop bleeding.	skin and the muscles?
298. How can the milk production of cows be	(a) Adipose (b) Plasma
increased?	(c) Cartilage (d) Areolar MD Vyanam Dharmasist(16.04.2017 Shift II)
(a) By increasing the lactation period	Ans (d): Arcolar connective tissue joins the skin and
(b) By giving proper requirement of food	muscles as it is dense and irregular in nature
(c) By vaccinating the animals	It has a get like matrix made of cells and fibres
(d) By increasing the resistance to disease	303 Name the cell organelle which is associated
	with the elimination of old and worn out cells.
Ans. (a): Milk production of cows be increased by	with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus
Ans. (a): Milk production of cows be increased by increasing the lactation period.	with the elimination of old and worn out cells.(a) Golgi apparatus(b) Nucleus(c) Mitochondria(d) Lysosomes
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the	with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II)
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production carbohydrates	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules"
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components.	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell.
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome was coined by De Duve.
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, cerring both to degrade material taken up from outside
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II)	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself.
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself.
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of ossicles on the body
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of tube feet (d) The presence of water vascular system
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in many vital physiological processes in males, including 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of tube feet (d) The presence of water vascular system
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in many vital physiological processes in males, including sperm production or spermatogenesis, controlling acural development. 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of water vascular system MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (a) : Echinoderms get its name from the presence
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in many vital physiological processes in males, including sperm production or spermatogenesis, controlling sexual development, and maintaining secondary sexual characteristics and behaviors. 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of water vascular system MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (a) : Echinoderms get its name from the presence of spines on the body.
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in many vital physiological processes in males, including sperm production or spermatogenesis, controlling sexual development, and maintaining secondary sexual characteristics and behaviors. 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of suber of the body (c) The presence of water vascular system MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (a) : Echinoderms get its name from the presence of spines on the body. Ans. (a) : Echinoderms get its name from the presence of spines on the body. An Echinoderm is any member of the phylum
 Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in many vital physiological processes in males, including sperm production or spermatogenesis, controlling sexual development, and maintaining secondary sexual characteristics and behaviors. 	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of tube feet (d) The presence of water vascular system MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (a) : Echinoderms get its name from the presence of spines on the body. An Echinoderm is any member of the phylum Echinodermata. The adult are recognisable by their
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in many vital physiological processes in males, including sperm production or spermatogenesis, controlling sexual development, and maintaining secondary sexual characteristics and behaviors. 300. Heart is made up of (a) Connective tissue (a) Narware tissue (b) Muscular tissue	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of water vascular system MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (a) : Echinoderms get its name from the presence of spines on the body. An Echinoderm is any member of the phylum Echinodermata. The adult are recognisable by their radial symmetry , and include starfish, brittle stars, sea
Ans. (a): Milk production of cows be increased by increasing the lactation period. The high producing dairy cow requires a diet that supplies the nutrient needs for high that supplies the nutrients need for high milk production. carbohydrates, amino acids, fatty acids, minerals, vitamins and water are all nutrients required by the lacting dairy cow to meet the demand by the mammary gland to produce milk and components. 299. Male hormones are secreted by (a) Cells of sertoli (b) Spermatogonia (c) Cells of Leydig (d) Seminiferous tubule MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (c) : Male hormones are secreted by cells of leydig. Leydig cells are the primary source of testosteron and androgen hormones in males. This physiology allows them to play a crucial role in many vital physiological processes in males, including sperm production or spermatogenesis, controlling sexual development, and maintaining secondary sexual characteristics and behaviors. 300. Heart is made up of (a) Connective tissue (c) Nervous tissue (d) None of the above	 with the elimination of old and worn out cells. (a) Golgi apparatus (b) Nucleus (c) Mitochondria (d) Lysosomes MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (d) : "Lysosomes are sphere-shaped sacs filled with hydrolytic enzymes that have the capability to break down many types of biomolecules". Lysosomes are an important cell organelle found within eukaryotic cells. Due to their peculiar function, they are also known as the "suicide bags" of the cell. The term Lysosome was coined by De Duve. Lysosome function as the digestive system of the cell, serving both to degrade material taken up from outside of cell and digest absolute components of the cell itself. 304. Echinoderms get its name from (a) The presence of spines on the body (b) The presence of water vascular system MP Vyapam Pharmacist(16.04.2017,Shift-II) Ans. (a) : Echinoderms get its name from the presence of spines on the body. An Echinoderm is any member of the phylum Echinodermata. The adult are recognisable by their radial symmetry , and include starfish, brittle stars, sea urchins, sand dollars and sea cucumbers, as well as the can be blace.

305. Lachrymal glands produces?	Ans. (b): Etythroblastosis foetalis arises due to the
(a) Tear (b) Wax	incompatibility in the blood.
(c) Sweat (d) Sebum $\mathbf{E} \mathbf{E} \mathbf{E} \mathbf{C} \mathbf{D} \mathbf{U} \mathbf{L}^{\dagger} \mathbf{D} \mathbf{U}$	Erythrobastosis fetalis classically results from Rho (D)
ESIC Deimi Pharmacist (19.03.2016)	with Rh, negative blood is impregnated by a man with
Ans. (a) : Lachrymal glands produces tears.	Rh- positive blood and conceives a fetus with Rh-
aqueous portion of the tear film thereby maintaining	positive blood, some times resulting in hemolysis.
the ocular surface. It is parimarily located in the	310. Myocardium is a special muscle tissue found
anterior, superotemporal orbit within the lacrimal fossa	only in the:
of the frontal bone.	(a) Brain (b) Heart
Stimulation of cornea and conjunctive activates a reflex	(c) Stomach (d) Lungs
from the lacrimal gland.	ESIC Delhi Pharmacist (19.03.2016)
306. The cardiovascular disease associated with the	Ans. (b) : Myocardium is a special muscles tissue
disorder of heart rate or rhythm is called:	Cardiac muscle also called myocardium in vertebrates
(a) Arrhythmia	one of three major muscles types found only in heart
(b) Myocardial infraction	311. Which of the following is a female sex
(c) Angina pectoris	hormone?
(d) Ischemia FSIC Dolbi Phormacist (10.03.2016)	(a) Stilbesterol (b) Testosterone
ESIC Delli Pharmacist (19.03.2010)	(c) Estrogen (d) Benzesterol
the disorder of heart rate of rhythm is called	ESIC Delhi Pharmacist (19.03.2016)
Arrhythmia.	Ans. (c): The female sex hormone are estrogen &
A heart arrhythmia is a irregular heartbeat.	progesterone. There are actually three major estrogen,
Heart rhythm problems (heart arrhythmias) occur when	work together to promote the healthy development of
the electrical signals that coordinate the heart's beats	female sex characteristics during puberty and to ensure
The faulty signaling caused the heart to heat to fast	fertility.
(tachycardia), too slow (bradycardia) or irregularly.	312. Site of ADH action is:
307. Which of the following is an antidiuretic	(a) Proximal tubules (b) Loop of Henle
hormone?	(c) Vasa recta (d) Collecting tubules
(a) Oxytocin	ESIC Pharmacist (22.05.2016)
(b) Follicle stimulating hormone	Ans. (d) : Site of ADH action is collecting tubules. The
(c) Vasopressin (d) Luteinizing hormone	volume and osmolarity of the urine ADH increase
(d) Editemizing hormone ESIC Delhi Pharmacist (19.03.2016)	permeability of collecting tubules and thus absorption
Ans. (c): An antidiuretic hormone is vasopressin.	of water producing hypertonic urine.
Antidiuretic hormone or vasopressin is made by a part	313. Spinal cord in infants extends upto the level of:
of the brain called the hypothalamus and is secreted into	(a) Lower border of L1 vertebrae
the blood by the Pituitary gland. Antidiuretic hormone	(b) Lower border of L 5
and the blood vessels. Its most important role is to	(c) Upper border of SI (d) Lawer border of L2
conserve the fluid volume of our body by reducing the	(d) Lower bolder of L5 FSIC Pharmacist (22.05.2016)
amount of water passed out in the urine.	Ans (d) · Spinal cord in infants extends unto the level
308. The powerhouse of the cell is:	of lower border of L3.
(a) Golgi bodies (b) Mitochondria	• In the newborn the spinal cord terminated most
(c) Ribosomes (d) Nucleus	frequently at the level of L^2/L^3 .
ESIC Deini Pharmacist (19.03.2016)	314. Lower border of scapula is at the level of:
Mitochondria are known as the powerhouse of cells. It	(a) T4 (b) T3
is because the mitochondria is the site of cellular	(c) T9 (d) T7
respiration where energy in the form of ATP	ESIC Pharmacist (22.05.2016)
(Adenosine triphosphate) is generated as a result of	Ans. (d): Lower border of scapula is at the level of 17 spinous process. The spinous process of the T7 is
for various chemical activities needed for life	approximately on the level of the inferior angle of the
309. Erythroblastosis foetalis arises due to the	scapula.
incompatibility in the:	315. The length of Adult Trachea is :
(a) Lymph (b) Blood	(a) 6 to 8 cm (b) 10 to 11 cm
(c) Synovial fluid (d) Bile	(c) 14 to 15 cm (d) 16 to 20 m
ESIC Delhi Pharmacist (19.03.2016)	ESIC Pharmacist (22.05.2016)

Ans. (b): The length of aduld trachea is 10-11 cm long	322. Oxytocin is the hormone released from:
fibrocartilaginous tube of the lower respiratory tract.	Or
The trachea extends between the larynx and thorax.	Oxytocin is secreted by-
316. Coronary sinus opens into:	(a) Anterior lobe of pituitary
(a) Inferior vena cava (b) Right atrium	(b) Pars intermedia
(c) Left atrium (d) Great cardiac veins	(c) Posterior lobe of pituitary
ESIC Pharmacist (22.05.2016)	(d) Infundibulum
Ans (b) : Cornary sinus opens into right atrium hear the	Kerala PSC Pharmacist Gr.II (01.08.2016)
conjuction of the posterior interventricular sulcus and the	BSSC Pharmacist (2018)
coronary sulcus. The function of the coronary sinus is to	Ans. (c): Oxytocin is the hormone released form
drain the venous blood from the majority of the heart.	of hypothalamic neurons. It stores and releases into the
317 Thiamine deficiency causes decreased energy	bloodstream two hypothalamic hormones oxytocin and
nroduction because	antidiuretic hormone. The anterior lobe is connected to the
(a) It is required for the process of transaminati	hypothalamus by vasculature in the infundibulum and
(b) It is a co-factor in oxidative reduction	produces and secretes six hormones.
(c) It is a co-enzyme for transketolase is pentose	323. Renin a proteolytic enzyme which is produced
phosphate pathway	
(d) It is a co-enzyme for pyruvate dehydrogenase	(a) Brain (b) Liver
& alpha ketoglutarate dehydrogenase	(c) Spleen (d) Kidney
GPAT-2016	Kerala PSC Pharmacist Gr.11 (01.08.2016)
Ans. (d) Thiamine deficiency causes decreased energy	Ans. (d): Renin is an proteolytic enzyme that helps
production because It is a co-enzyme for pyruvate	control our blood pressure and maintain nealthy levels
denydrogenase & alpha ketoglutarate denydrogenase.	Renin made by special cells in our kidneys, renin is
318. The longest vein in human body is:	released into our blood stream when our blood pressure
(a) TVC (b) Cephanc (c) Basilic (d) Long sanbenous	drops too low.
ESIC Pharmacist (22.05.2016)	324 Which of the following increase systolic and
Ans.(d): The longest vein in human body is long saphenous.	diastolic pressure in normal patient
traveling between our foot and the top of our thigh.	(a) Epineherine (b) Norepinephrine
319. Colour vision is by:	(c) Tyramine (d) Phenylephrine
(a) Rods (b) Cones	GPAT-2016
(c) Occipial cortex (d) Bipolar cells	Ans. (c) Tyramine can trigger nerve cells to release
ESIC Pharmacist (22.05.2016)	norepinephrine, a hormone that increases blood
Ans. (b): Colour vision is by cones. Cones contain	pressure and heart rate in normal patient.
typically have three types of photo nigments-red green	325. Nerve impulse from the cochlea arrive first in
and blue. Each type of cone is sensitive to different	(a) Auditary contay (b) Thelemus
wavelengths of visible light,	(a) Auditory contex (b) Inflatinus (c) Medulla oblongata (d) Inferior colliculus
320. The receptors of pain is:	(c) Medulia obioligata (d) interior concentus
(a) Ruffini organs (b) Meckel's bodies	Ang. (a) Narya impulse from the eachlos arrive first in
(c) Golgi bodies (d) Free nerve endings	Ans. (c) Nerve impulse from the coefficient arrive first in Medulla oblongata of the brain
ESIC Pharmacist (22.05.2016)	• The first relay of the primary auditory pathway
Ans. (d) : The receptors of pain is free nerve endings.	occurs in the cochlear nuclei in the brain stem which
high threshold for mechanical chemical or thermal	receive Type 1 spiral ganglion axons.
stimuli and respond only when the intensity of these	326. Which are the types of antibodies involved in
stimuli is high enough to damage tissue.	hypersensitivity reactions
321. BMR is dependent upon:	(a) LgG and LgD (b) LgG and LgM
(a) Body weight (b) Surface area	(c) LgD and LgA (d) LgM and LgD
(c) Amount of adipose Tissue	GPAT-2016
(d) Amount of lean body mass ESIC Pharmacist (22.05.2016)	Ans. (b) LgG & LgM are the types of antibodies are
Ans (b) · BMP is depend upon surface area BMP is	involved in hyper sensitivity reactions.
directly proportional to the surface are of the subject	• LgM antibodies are the first line of defense that B-
Larger the surface area greater will be the heat loss. and	cells create.
equally higher will be the heat production (i.e.	• LgG antibodies are secreted after prolonged
metabolic rate.) It is dependent on the subject's activity,	exposure to harmful pathogen.
lifestyle, type of physical exercise, gender, homonal	• IgM is the first antibody secreted by the adaptive
balance and previous nutritional status.	immune system in response to a foreign antigen.

327. If QA and QC are compared(a) Both are literally the same(b) QA is a higher activity in the management	bone marrow. Myeloblasts become mature white blood cells called granulocytes (neutrophils, basophils and eosionophils), in large blood cell development.
 hierarchy (c) QA is a higher activity in the management hierarchy (d) QA is done by the production person and QC is done by analyst 	 331. Match the following: (a) Thromboplastin (i) Factro VII (b) Proconvertin (ii) Factor III (c) Fibrinogen (iii) Factro II (d) Prothrombin (iv) Factor I
 Ans. (b) It QA & QC compared QA is a higher activity in the management hierarchy. QA (Quality Assurance) is a combination of activities throughout the manufacturing process that ensures the quality of the product. 	(a) (b) (c) (d) (1) (ii) (i) (iv) (iii) (2) (iii) (iv) (i) (ii) (3) (i) (ii) (iii) (iv) (4) (iii) (iv) (ii) (i) MPSC Drug Inspector (21.02.2016)
• QC (Quality control) is a set of processes used to secure that the product meets the quality requirement.	Ans. (a) : Thromboplastin \rightarrow Factor III
328. On which chromosome, the gens for three	Proconvertin → Factor VII Fibringen → Factor I
chains of fibrinogen are found?	$\begin{array}{ccc} Profilegen & \rightarrow & Pactor I \\ Prothrombin & \rightarrow & Factor II \end{array}$
(a) Chromosome 1 (b) Chromosome 3 (c) Chromosome 4 (d) Chromosome 6	332. Which anticoagulant is produced by mast cells
MPSC Drug Inspector (21.02.2016)	and basophils?
Ans. (c): Fibrinogen is encoded by three genes :	(a) Heparin (b) Prostaglandin
A \propto (FGA), B β (FGB), and γ (FGG) on chromosome	(c) Histidine (d) Vitamin K MPSC Drug Inspector (21.02.2016)
4. Each gene is transcribed and translated separately to produce proteins containing 644 (Acc) 4.9 (BB) and	Ans. (a) : \rightarrow The function of basophiles is similar to
$437(\gamma)$ amino acids.	that of mast cells.
• The γ (gamma) chain, transcribed from the fibrinogen	\rightarrow Hence both these cells comprise histamine heparin
gamma gene (FGG) located on chromosome 4, has two isoforms \sqrt{A} and \sqrt{c} chains. This protein is important for	\rightarrow Histamines are released in response to allergens such
blood clot formation, which is heeded to stop excessive	as food or dust and heparins are anticoagulants that
bleeding after injury.	prevent blood clotting .
329. Whole human blood is a mixture of blood and	333. The procedure of removing ovaries is called: (a) Salpingectomy (b) Oophorectomy
than:	(c) Vasectomy (d) Colostomy
(a) 8.7% w/v of haemoglobin	RRB Pharmacist Gr.III (23.06.2015)
(b) 2.3% w/v of haemo	Ans. (b): Oophorectomy - An oophorectomy is a
(c) 9.07% w/v of haemoglobin (d) 9.7% w/v of haemoglobin	ovaries. Woman's ovaries are almond shaped organs
MPSC Drug Inspector (21.02.2016)	that sit on each side of uterus in your pelvis. Woman's
Ans. (d): Blood is a lifesaving liquid organ. Whole	ovaries contain eggs menstrual cycle.
blood is a mixture of ellular elements, colloids and	ovaries, it's called bilateral oophorectomy. When the
• Hemoglobin is the oxygen carrying protein that is	removing only one ovary it's called unilateral
found within all RBCs. It picks up oxygen where it is	oophorectomy.
abundant (the lungs) and drops off oxygen where it is needed around the body. It is also the nigment that give	534. Passive immunity in new born bables is due to (a) $I_{0}G$ (b) $I_{0}M$ (c) $I_{0}E$ (d) $I_{0}A$
RBCs their red color. Normally haemoglobin level in	GPAT-2015
men and women is between 14.0 gm/dL and 17.5	Ans. (a) : The transplacental passage of specific IgG
as less than 13.2 gm/dL.	antibodies from the affected mother to the unaffected fetus highlights neonatal passive immunity
• Whole human blood is a mixture of blood and	◆ IgM can neutralize pathogens, though not as
anticoagulant solution and contains not less the 9.7%	effectively as IgG or IgA isotypes, most likely due
330 Basonhils originate in	provided by a hinge region.
(a) Megakaryoblast (b) Monoblast	335. What does in mean that a cell is polyploid
(c) Megakaryocyte (d) Myeloblast	(a) That is contains more than 2 copies of one or
MPSC Drug Inspector (21.02.2016)	a few of its of chromosomes
Ans. (d): Basophils originate in myeloblast. Myeloblast is a type of immature white blood cell that forms in the	set of homologous chromosomes

 (c) That is contains more than 2 copies of its sex chromosome (d) That is contains more than 2 copies of its autosomal chromosomes GPAT-2015 	 Ans. (b): Seeding involves the spread of cancer cells to serious membranes of body cavities. ♦ Seeding of body cavities and surfaces may occur whenever a malignant neoplasm penetrates into a natural "open field".
 Ans. (b) : A cell is polyploid means that contains more than 2 copies of a full set of homologous chromosomes. Polyploids are common among plants, as well as among certain groups of fish and amphibians. For instance, some salamanders, frogs and leeches are polyploids. 	 341. Adverse drug Event reporting in the responsibility of all of the following EXCEPT (a) Pharmacist and physician (b) Manufacturer (c) Consumer (d) Regulatory authorities
 336. In mammals, The major fat in adipose tissue is: (a) Triglyceride (b) Cholesterol (c) Sphingophospholipids (d) Phospholipids GPAT-2015 	Ans. (d): A body that carries out regulatory activities relating the medicine including the processing of marketing authorizations the monitoring of side effects inspections quality testing and monitoring the use of medicines.
Ans. (a): In mammals, the major fat in adipose tissue is triglyceride.337. Which of the following causes arterial and	342. Melanin is derived from which of the following amino acid?
bronchial constriction and platelet aggregation (a) Prostaglandin E_2 (b) Prostaglanding A_2 (c) Prostaglandin D (d) Thromborang A	(a) Filsuance (b) Tyrosine (c) Valine (d) Tryptophan RRB Pharmacist Gr.III (23.06.2015)
(c) Friostagiandin D_2 (d) Finomboxane A_2 GPAT-2015 Ans. (d): Thromboxane A_2 causes arterial and bronchial constriction and platelet aggregation. \rightarrow Prostaglandin E_2 , also known as dinoprostone is a naturally occurring prostagtaglandin with oxytocic properties that is used as a medication	 Ans. (b) : Melanin is highly irregular heteropolymer consisting of monomeric units derived from the enzymatic oxidation of amino acid tyrosine. The process of melanin formation takes place in specialized acidic organelles (Melanosomes) in melanocytes. 343. Mitochondria are sites of
 338. The mixed gland of our body which secrets both hormones and digestive enzyme, so pancreatic enzyme digest which substances (a) Lipids, Protein, Carbohydrate but not Nucleic acid 	 (a) Oxidative phosphorylation (b) Photolysis (c) Phosphorylation (d) Starch synthesis RRB Pharmacist Gr.III (23.06.2015)
 (b) Protein, Carbohydrate, Nucleic acid but not Lipids (c) Carbohydrate, Lipids, nucleic acid but not Protein 	Ans.(a): Mitochondria are site of oxidative phosphorylation. The electron transport chain consist of various molecules that are present in the compartments of mitochondria. Through a series of Redox reaction, electrons are transported from one member of the chain
Ans. (a) : The pancreas produces both enzymes and hormones. The enzymes secreted by the exocrine gland in the pancreas help break down carbohydrate, Lipids, protein.	to another. NADH and FADH ₂ act as electron carrier. They carry electron from NADH and FADH ₂ to NAD ⁺ and FAD which can be re-utilised in the respiration.
 339. Creatinine clearance is used as a measurement of (a) Passive renal absorption (b) Glomerular filtration rate (c) Renal excretion rate 	344. Coil of life is (a) Chromosome (b) Chromatin (c) DNA (d) RNA RRB Pharmacist Gr.III (23.06.2015)
(d) All GPAT-2015 Ans. (b) : Creatinine clearance is used as measurement	Ans. (c) : D.N.A is a double - standard coiled structure which takes part in heredity. It is also known as coil of life. The D.N.A double helix is packed by special
of glomerular filtration rate. 340. Seeding involves the spread of cancer cells to (a) Blood vessels	The chromatin undergoes further condensation to form the chromosome. R.N.A takes Part in Process of transcription and translation.
 (b) Serious membranes of body cavities (c) Fascia surrounding muscles and bones (d) Dermis and subcutamneum of the skin 	345. Sphincter of oddi is present at exit of (a) Oesophagus (b) Stomach (c) Urinary bladder (d) Gall bladder RRB Pharmacist Gr.III (23.06.2015)

Ans. (d): Sphincter of oddi is present at exit of gall Ans. (a): Identical twins (also called monozygotic bladder. The duct of gall bladder [cvstic duct] along twins) result from the fertilized egg then splitting into with the hepatic duct from the liver forms the common two identical twins share the same genomes and are bile duct. the bile duct and pancreatic duct open always of the same sex. In contrast, fraternal (dizygotic) together into the duodenum as the common Hepatotwins result from the fertilization of two separate eggs pancreafic duct which is gurded by a sphinter called the with two different sperm during the same pregnancy. sphinter of oddi. 350. Element that is not found in blood is 346. Male sex hormone testosterone is secreted by (b) Copper (a) Iron (c) Chromium (d) Magnesium (a) Spermatogenic (b) Sertoli cells RRB Pharmacist Gr.III (23.06.2015) (c) Leydig cells (d) Epididymis Ans. (c): Chromium is a chemical element with the RRB Pharmacist Gr.III (23.06.2015) Symbol 'Cr' and atomic number 24. Ans. (c) : Male sex hormone testosterone is secreted by Chromium is not found in the blood. Leydig cells. Leydig cells' are the primary source of Chromium is a mineral that affects insulin. testosterone or androgens in Males. This Physiology Carbohydrate, fat, and protein levels in the body. allows them to play a crucial role in many vital Iron is an essential element for blood production. About physiological processes in male including sperm 70 percent of your body's iron is found in the red blood production or spermatogenesis controlling sexual cells of your blood called haemoglobin and in muscle development and maintaining secondary sexual cells called myoglobin. characteristices and behaviors. 351. Which of the following is not a vestigial organ 347. A adult has number teeth's of molar in total. (a) Centriole (b) Molar tooth (a) 4 (b) 14 (c) Appendix (d) Diaphragm (d) 12 (c) 16 RRB Pharmacist Gr.III (23.06.2015) RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Vestigial organs are those organs which are Ans. (d) : An adult Human has 12 number of molar present in reduced form and do not perform any teeth in total . An adult Human has 32 permanent teeth function in the body but correspond to the fully which are of four different types [Heterodentation] developed functional organs of related animals . Few Namely- incisor (I), canine[C], Premolar [P.M] and examples of vestigial organs in human are pinna at the ear, wisdom teeth, the vermiform appendix and the Molar [M] tailbone. Eyelids are not vestigial organs as they cover Arrangement of teeth in each half of the upper and and protect the eyes. lower jaw in the order I, C, P.M, M is represent by a dental formula which in Human is $\frac{2123}{2123}$ The Hard 352. Which of the following bone articulations forms the gliding joint? (a) Humenis and radius (b) Carpals chewing surface of teeth, made up of enamel helps in (c) Hip girdle and femur mastication of food . (d) Skull & neck vertebrae 348. Calcitonin is secreted by RRB Pharmacist Gr.III (23.06.2015) (a) Pituitary gland (b) Thyroid Ans. (b): A Gliding joint, also known as a plane joint as (c) Pancreas (d) Adrenal planar joint is a common type of synovial joint formed RRB Pharmacist Gr.III (23.06.2015) between bones that meet at flat or nearly flat articular Ans. (b) : Calcitonin is secreted by thyroid, which surfaces. Gliding joints allow the bones to gliding part regulate the blood calcium . Thyroid gland is composed one another in any direction along the plane of the Joint of two lobes which are located on either side of the - up and down, left and right, and diagonally. A gliding Trachea both lobes are Interconnected with a thin flap joint is present between joints of carpals (wrist bones) of connective tissue called isthmus. Thyroid gland are other example of a gliding joint are intermetacarpal composed of follicle and stromal tissue. These follicle joints, Spine, etc. cell synthesis two hormone tetraiodothyronine or 353. Pancreas secretes hormones which help in thyroxine (T4) and triiodothyronine (T3). Iodine, is essential for the Normal rate of hormone synthesis in (a) Blood clotting the thyroid. (b) Production of antibodies (c) Growth of body 349. Identical twins arise when two (a) Cells develop independently from the same (d) Keeping sugar balance in body zygote RRB Pharmacist Gr.III (23.06.2015) (b) Gametes develop independently Ans. (d) : The pancreas is an endocrine and exocrine (c) Sperms develop independently gland. An exocrine gland is an organ that makes and (d) Ova develop independently releases chemical into duct rather than into the blood **RRB Pharmacist Gr.III (23.06.2015)** stream like endocrine gland. As an endocrine gland the

main function of the pancreas is to make hormones that Ans. (b): Bile juice is secreted by liver. Bile juice is a control blood sugar levels. Keeping blood sugar levels fluid that is made and released by the liver and stored in stable is important to provide a constant energy supply the gallbladder. Bile juice helps the digestion. It breaks to the body. down fats into fatty acids, which can be taken into the body by the digestive tract. 354. S.A. node of mammalian heart is known as (a) Auto regulator (b) Pace-maker 358. Veins differ from arteries in having (c) Time controller (d) Beat regulator (a) Thinner walls (b) Strong walls RRB Pharmacist Gr.III (23.06.2015) (c) Narrower lumen Ans. (b) : The Primary pacemaker in the mammalian heart (d) Valves to control direction of flow is located in the SA node in the dorsal wall of the right RRB Pharmacist Gr.III (23.06.2015) atrium. At the Junction with the superior vena cava. The Ans. (d) : Arteries carry blood away from the heart, Pacemaker cells in the S.A. nodes are automatic and the and veins carry blood toward the heart . intercellular conduction velocity is slow. With the exception of pulmonary blood vessels. It is also called the primary pacemaker of the heart arteries carry oxygenated blood and veins carry because, S.A. nodes generate electrical impulses faster deoxygenated blood. than another part of the conduction system (100 times Arteries have thick walls with muscle tissue. per minute). Veins have thinner walls and use valves to keep your 355. Consider the following statements regarding blood flowing. blood pressure: 359. What is the main function of insulin in the 1. It is the pressure exerted by the blood on human body? the walls of any vessel. (a) To maintain blood pressure 2. It decreases in the arteries as the distance (b) To help in digestion of food from the heart increases (c) To control the level of sugar in the body 3. It is lower in the capillaries than in the (d) To check the level of Iodine in the body arteries. 4. It is usually lower in women than in men. RRB Pharmacist Gr.III (23.06.2015) Of these, the correct ones are Ans. (c) : Insulin is hormone produced by the pancreas (b) 1, 2 and 3 (a) 1 and 4 that has a number of important functions in the human (c) 2, 3 and 4 (d) 1, 2, 3 and 4 body, particularly in the control of blood glucose levels and preventing hyperglycemia. RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Blood pressure is the pressure exerted on the The most important role of insulin in the human body is its interaction with glucose to allow the cells of the blood Vessels when blood circulatory through them during pumping of the heart. During the contraction of body to use glucose as energy. blood vessels. The pressure applied by blood is termed 360. An enzyme that works in an acidic medium is as systolic blood pressure and during relaxation; the (a) Pepsin (b) Tiypsin pressure applied is termed as diastolic blood pressure. (c) Ptyalin (d) Maltose The standard blood pressure is measured as 120/80 RRB Pharmacist Gr.III (23.06.2015) mmHg as systolic by diastolic respectively. Blood Ans. (a) : Pepsin is a stomach enzyme that serves to pressure plays an important role in maintaining the proper working of the heart, brain, kidney, and other digest proteins found in ingested food gastric, chief important organs. cells secrete pepsin as an inactive zymogen called pepsinogen. 356. The hormone responsible for the secretion of milk in mothers, is? Parietal cells within the stomach lining secrete hydrochloric acid that lowers the PH of stomach. (a) ACTH (b) Leutinizing hormone At low pH (1.5 to 2) activates pepsin. (c) Adrenalin 361. The blood pressure is the pressure of blood in (d) Lactogenic hormone (b) Veins (a) Arteries RRB Pharmacist Gr.III (23.06.2015) (d) Ventricles (c) Auricles Ans. (d) : Prolactin is a hormone named originally RRB Pharmacist Gr.III (23.06.2015) after its function to promote milk production (lactation) Ans. (a) : Blood Pressure is the force of the blood in mammals in response to the suckling of young after pushing against the artery walls. The force is generated birth. Prolactin also known as lactotropin is a protein with each heartbeat as blood is pumped from the heart best known for its role in enabling mammals to produce into the blood vessels. The size and elasticity of the milk. It is influential in over 300 separate processes in various vertebrates, including humans. artery walls also affect blood pressure. 357. Bile Juice is secreted by 362. The total number of bones in human skull are (a) Pancreas (a) 8 (b) 12 (b) Liver (c) 30 (d) 32 (c) Spleen (d) Gall bladder RRB Pharmacist Gr.III (23.06.2015) RRB Pharmacist Gr.III (23.06.2015)

 skeleton bones. The Hyoid bone, and 6 auditory (car) bone. The criminal bone are the a frontal, 2 particlat, a comportal, 2 temporal, sphenoid and ethmoid bones. 363. Which of the following glands controls the development of sex organs in humans? (a) Partcas (b) Thyroid (c) Artenal (d) Printiary gland controls the sex organ in sumans? (a) Red Pharmacist Gr.III (23.06.2015) Ans. (d) : The Pinuitary gland controls the sex organ in sumans? (a) Red Pharmacist Gr.III (23.06.2015) (a) Red blood cells (b) Blood platelets (c) White blood cells (d) White Blood Supecer through narrowit and the blood support of the lood support of the lood	Ans. (c): The total number of bones found in the human skull is 29. Eight cranial bones and fourteen facial	The person suffering from hypermetropia will have difficulty focusing on nearby objects but can clearly see
 bone. The cranial bone are the a frontal. 2 parietal, a correst. 14 and 15 parents. 363. The blood pressure values of four people are given below? 363. The blood pressure values of four people are given below? 364. The blood pressure values of four people are given below? (a) Panceas (b) Thyroid (c) Panceas (b) Thyroid (c) Panceas (c)	skeleton bones. The Hyoid bone, and 6 auditory (ear)	distant objects.
 Josephal, 2 temporal, spheroid and eliminoid homes. Josephal, 2 temporal, spheroid and eliminoid homes. Josephal, 2 temporal, spheroid and eliminoid homes. Josephal, 2 temporal, spheroid function and reproduction. Ans. (d) : The Pituitary gland controls the scorgan, testicles in men and the ovaries in women, that basically teresture i our sexual drive, our sexual growth, development, sexual function and reproduction. Ans. (d) : The Pituitary gland controls the scorgan, testicles in men and the ovaries in women, that basically teresture 120/80 mm Hg. Types of Blood pressure is generally defined as the force or the pressure of blood cells agains the wall of the arterise during circulation. The normal Blood ressure 120/80 mm Hg. Types of Blood pressure is 20/80 mm Hg. Ans. (d) : The dblood cells (d) Hornones (RB Pharmacist Gr.III (23.06.2015) Ans. (d) : Mite blood cells (d) Hornones (e) Harmacist Gr.III (23.06.2015) Ans. (d) : White Blood Corpuscles (e) Horden and the body. Josama (b) Blood Platelets (c) Hwite Blood Corpuscles (human bedy is (a) 90 °F (b) 98 °F (c) 98.6 °F (bone. The cranial bone are the a frontal, 2 parietal, a	368. The blood pressure values of four people are
 363. Which of the following glands controls the development of sex organs in humans? (a) Pancreas (b) Thyroid (c) Adrenal (d) Pinitary RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : The Pinitary gland controls the sex organ. The event penticels in mean the ovaries in wome, that basically result in our sexual drive, our sexual growth result function and reproduction. 364. Oxygen is transported to every cell of the human body by? (a) Red blood cells (b) Blood platelets (c) White blood cells (d) Hormones RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Red blood squeeze through narrow and large of blood pressure is should be 60-80 mHg. Types of Blood pressure is should be 60-80 mHg. Types of Blood pressure is should be 60-80 mHg. Types of Blood pressure is should be 60-80 mHg. Types of Blood pressure is should be 60-80 mHg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be 60-80 mm Hg. Types of Blood pressure is should be constant transe of a state of the following components of blood pressure is should be constant the test tube. The transe of a near state of the table is a test of the table is ater that the test tube. The transe of a near state and bedorine gland situated at the base of our brain. It is often referred to as the base of a tore b	occipital, 2 temporal, sphenoid and ethmoid bones.	given below?
 development of sex organs in humans? (a) Pancreas (b) Pituitary (c) Mr. Y – 120/80 (d) Mr. Y – 120/80 (e) Mr. Y – 120/80 (f) Mr. Y – 120/80 (f) Mr. Y – 120/80 (g) Mr. Y – 120/80 (h) Mr. Y – 120/80 (g) Mr. Y – 120/80 (h) Mr. Y – 120/80 (h) Mr. Y – 120/80 (h) Mr. Y – 120/80	363. Which of the following glands controls the	(a) Mrs. $X - 90/60$ (b) Mr. $X - 160/120$
 (a) Partnerse (b) Phyroid (c) Afrenal (d) Printitary RBR Pharmacist Gr.III (23.06.2015) Ans. (d) : The Pituitary gland controls the sex organ; the testicles in men and the ovaries in women, that basically result in our sexual drive, our sexual growth in mersaver layors of Blood pressure 2080 mm Hg. Types of Blood pressure 2080 mm Hg. Types of Blood pressure in the normal range of diastolic blood pressure - The normal range of grossure (a) Ref Pharmacist Gr.III (23.06.2015) Ans. (a) : Red blood cells (d) Hormones (a) Red blood cells (d) Hormones (b) Blood platelets (c) White blood cells of the following components of blood pressure is aduld be 60-30 mm Hg. Jostolic blood pressure - The normal range of diastolic blood pressure is aduld be 60-30 mm Hg. Jostolic blood pressure - The normal range of diastolic blood pressure is aduld be 60-30 mm Hg. Jostolic blood pressure is aduld be foldowing components of blood pressure is aduld be 60-30 mm Hg. Jostolic blood pressure is aduld be coll baby? (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The Pituitary gland is present (a) Boo'T (b) Se 6'F (c) 98 6'F (c) 98 6'F (d) 90 0'T (d) 90 0'T (e) 86 6'F (3^{2} C). Human body temperature of human body is a part of our immune system, white blood cells aduld shorwor as in the brain (c) 86 6'F (3^{2} C). Human body temperature of day, older poople have: (a) 80 0'T (b) 80 0'T (c) 80 6'F (3^{2} C). Human body temperature of human body is preson can see an object clearly when it is placed at distance of about 2's can away from	development of sex organs in humans?	(c) Mr. $Y - 120/80$ (d) Mrs. $Y - 140/100$
 (c) Adrenal (d) Pitutary (d) Pitutary (e) Adrenal (123.06.2015) Ans. (d) : Blood pressure is generally defined as the force or the pressure of blood cells against the valle of the artries during circulation. The normal Blood pressure is transported to every cell of the artries blood pressure - The normal range of diastole blood pressure - The normal range of diastole blood pressure should be 60-80 mm Hg. Ans. (a) : Bed blood squeeze through narrow: capilaries in single file. Ans. (a) : Red blood squeeze through narrow: and carry the oxygen, These oxygen-rich cells travel in the blood vessels from the lungs to the left side of the test tube. (b) Evelopment of the baby takes place inside the test tube. (c) Fartilisation takes place outside the mother body. (d) White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : White Blood cells, also known as leukocytes, are responsible for protecting our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 90.4 °F (d) White Blood cells, also known as leukocytes, are responsible for protecting on body from infection? (a) 90 °F (b) 98.4 °F (b) 98.6 °F (d) 90.4 °F (c) 98.6 °F (d) 90.4 °F (d) More the sound temperature of human body is (a) 90 °F (b) 98.4 °F (d) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these an object clearly when tis for placed at distance of about 25 cm away from ink, (d) : Myopia is also called short-sightedmess how every common every comding the where is formed. (d) Myopia is also called short-sightedmess how end of the spine form infection of blood in human body? (e) Astigmatism (d) None of these expression (d) Lungs (G). The first tube is a term that protecting or human biody? (d) Myopia is al	(a) Pancreas (b) Thyroid	RRB Pharmacist Gr.III (23.06.2015)
 In the Pituitary gland controls the sex organ testicles in men and the ovaries in women, that basically result in our sexual drive, our sexual growth development. Sexual drive, our sexual growth development drive, and the sexual drive. Sexual drive, our sexual drive, drive drive, drive drive, drive drive, drive drive, drive drive, dri	(c) Adrenal (d) Pituitary	Ans. (d) : Blood pressure is generally defined as the
 Ans. (d): The Ptuitary gland controls the sex organ, testicles in me and the ovaries in women, that basically result in our sexual drive, our sexual growth, development, sexual function and reproduction. 364. Oxygen is transported to every cell of the human body by? (a) Red blood cells (b) Blood platelets (c) White blood cells (d) Hormones RB Pharmacist Gr.III (23.06.2015) Ans. (a): Red blood squeeze through narrow the blood vessels from the lungs to the left side of the blood vessels from the lungs to the left side of the test tube. (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuseles (e) Plasma (b) Blood Platelets (f) Haemoglobin (g) Pasma (b) Blood Platelets (g) Plasma (b) Blood Platelets (h) Blood Corpuseles (g) Plasma (b) Blood Platelets (g) Pasma (c) Carpuscies (h) Kell Platelets (g) Pasma (c) Carpusci	RRB Pharmacist Gr.III (23.06.2015)	force or the pressure of blood cells against the wall of
 Itesticles in men and the ovaries in women, that basically result i our sexual drive, our sexual growth, development, sexual function and reproduction, 364. Oxygen is transported to every cell of the full the blood cells (d) Hormones RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Red blood squeeze through narrow and carry the oxygen, These oxygen-rich cells travel in the blood vessels from the largs to the left side of the blood vessels from the largs to the left side of the blood vessels from the largs to the left side of the blood vessels from the largs to the left side of the blood vessels from the largs to the left side of the blood vessels from the largs to the left side of the source of the blood signapse of the blood corpuseles (a) Protects human beings from infection? (b) Blood Platelets (c) Haemoglobin (c) Haemoglobin (d) White Blood Corpuseles RRB Pharmacist Gr.III (23.06.2015) Ans. (d): White blood cells, also known as leukocytes, are responsible for protecting our body from infection? (a) 90 °F	Ans. (d) : The Pituitary gland controls the sex organ,	the arteries during circulation. The normal Blood
 result in our sexual growth, human body by? Gevelopment, sexual furce, our sexual growth, human body by? Gevelopment, sexual function and reproduction, Gevelopment, de blood cells (b) Blood platelets (c) White blood cells (c) Hormones RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Red blood squeeze through narrow, and carry the oxygen, These oxygen-rich cells travel in the blood is purped around the body. Gent the cases of a "Test-tube baby? (a) Fertilisation takes place inside the test tube. (b) Elood platelets (c) Haemoglobin (c) Haemoglobin (d) White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of the human body is (a) 90° f (a) 90° f (b) 98° f (c) 98.6° F. (c) 98.6° F. (d) 96.4° F RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is (b) 98.6° f? G° C? C). Ans. (c) : The normal temperature of human body is (b) 98.6° F. (7° C). Ans. (c) : The normal temperature of human body is (b) 98.6° F. (7° C). Ans. (c) : The normal temperature of human body is (b) 98.6° F. (c) 98.6° F. (d) 96.4° F. (d) 96.4° F. (e) 98.6° F. (d) 96.4° F. (d) 96.4° F. (e) 98.6° F. (d) 96.4° F. (f) 98.6° F. (d) 96.4° F. (h) 98.6° F. (d) 96.4° F. (h) 98.6° F. (d) 96.4° F. (d) 96.4° F. (e) 98.6° F. (d) 96.4° F. (e) 98.6° F. (d) 96.4° F. (f) 98.6° F. (d) 96.4° F. (f) 98.6° F. (d) 96.4° F. (h) 98.6° F. (f) 98.6° F. (testicles in men and the ovaries in women, that basically	pressure 120/80 mm Hg. Types of Blood pressure
 development.sexual function and reproduction, mainter production, mainter	result in our sexual drive, our sexual growth,	Systolic Blood pressure - The normal range of systolic
 364. Oxygen is transported to every cell of the human body by? (a) Red blood cells (b) Blood platelets (c) White blood squeeze through narrow capillares in single file. Ans. (a) : Red blood squeeze through narrow capillares in single file. Ans. (a) : Red blood squeeze through narrow capillares in single file. Ans. (a) : Red blood squeeze through narrow capillares in single file. Ans. (a) : Red blood cells is deteration of blood pressure should be 60-80 nm Hg. 369. In the case of a Test-tube baby? (a) Fertilisation takes place inside the test tube. (b) Development of the baby takes place inside the test tube. (c) Fertilisation takes place outside the mother body. (d) Unfertilised egg develops inside the test tube. (e) Haemoglobin (d) White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : White Blood colls, also known as leukocytes, are responsible for protecting our body from infection? (a) 90 °F (b) 98 °F (c) 98.6 °F (37 °C). Human body temperature of human body is placed at distance of about 25 cam away from him, he is suffering from (a) Myopia (b) Myermetropia (c) Astigmatism (d) None of these rams of blood in human body? (a) Myopia is a very common eye condition in which near of blood in human body? (a) Myopia is a very common eye condition in which near of blood in human body? (a) Experimentopia is a very common eye condition in which near of the spine. They are almost a fistuli in size, measuring around 10-12 cm. Kineys are the main organs in the human excretory by spinet arearby object farther away look blury. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina 	development, sexual function and reproduction,	pressure should be 90-120 mm Hg.
 human body by? (a) Red blood cells (b) Blood platelets (c) White blood squeeze through narrowicapillaries in single file. Ans. (a) : Red blood cells inside red blood cells pick up and carry the oxygen. These oxygen-rich cells travel in the blood vessels from the lungs to the left side of the following components of blood protects human beings from infection? (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White blood cells, also known as leukocytes, are responsible for protecting our body from infection? (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96 °F (d) 96 °F (e) 98.6 °F (f) 96.6 °F (g) 96.6 °F (h) 96.4 °F RBB Pharmacist Gr.III (23.06.2015) Ans. (a) : The normal temperature of human body is a serificing from infection? (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RBB Pharmacist Gr.III (23.06.2015) Ans. (a) : The normal temperature of human body is a serificing from infection? (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RBB Pharmacist Gr.III (23.06.2015) Ans. (a) : The private can vary depending on hwa (a) Myopia (b) Hypermetropia is also called short-sightdemess (c) Astigmatism (d) None of these RBB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightdemess. Hypermetropia is a very common eye condition in which nert in size are an object clearly when it is in size are are object appear, but object farther away look blury. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. Ans. (d) : Myopia is also called short-sightdemess. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the	364. Oxygen is transported to every cell of the	Diastolic blood pressure - The normal range of
 (a) Red blood cells (b) Blood platelets (c) White blood cells (d) Hormones RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Red blood squeeze through narrow and carry the oxygen, These oxygen-rich cells travel in the blood vessels from the lungs to the left side of the heart. The blood is pumped around the body. 365. Which of the following components of blood protects human beings from infection? (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles Ans. (d) : MRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Mrei blood cells, also known as leukcytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells, also known as leukcytes, are responsible for protecting our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90°F (b) 98°F (c) 986°F (d) 96.4°F RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is place of a distance of about 25 cm away from him, he is suffering from (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia (b) Hypermetropia (c) Astigmatim (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Ans. (d) : Myopia is also called short-sightedness. Hypermetropia is a very common eye condition in which near of span, bub object farther away look blury. Hypermetropia is a very common eye condition in which near of span is a very common eye condition in which near of span is a very common eye condition in which near of span is a very common eye condition in which near of span is a very common eye condition in which near object appear, but object farther away look blury. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 307. Or (a) Haert macrist Gr.III (23.06.2015) 	human body by?	diastolic blood pressure should be 60-80 mm Hg.
 (c) White blood cells (d) Hormones RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Red blood squeeze through narrow apillaries in single file. (a) Fertilisation takes place inside the test tube. (b) Development of the baby takes place inside the tube. (c) Fertilisation takes place outside the mother body. (d) Unfertilised egg develops inside the test tube. (e) Fertilisation takes place outside the mother body. (e) Fertilisation takes place outside the mother body. (f) Unfertilised egg develops inside the test tube. (g) Unfertilised egg develops inside the test tube. (h) Unfertilised egg develops inside the test tube. (g) Unfertilized egg develops inside the test tube. (h) Unfertilized egg develops inside the test tube. (g) Unfertilized egg develops inside the test tube. (g) Unfertilized egg develops inside the test tube. (g) Unfertilized egg develops inside the test tube. (h) Unfertilized egg develops inside the test tube. (g) Unfertilized egg develops inside the test tube. (h) Unfertilized egg develops inside the test tube. (g) Unfertilized egg develops inside the test tube. (h) White blood cells, also known as leukocytes, is a pera-size dendocrine gland situat	(a) Red blood cells (b) Blood platelets	369. In the case of a 'Test-tube baby'?
 RRB Pharmacist Gr.III (23.06.2015) Ans. (a): Red blood squeeze through narrow components of blood and respond to holy. (b) Development of the baby takes place inside the test tube. (c) Fertilisation takes place outside the mother body. (d) Unfertilised egg develops inside the test tube. (e) Fertilisation takes place outside the mother body. (f) Unfertilised egg develops inside the test tube. (g) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles (h) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles (h) Blood Platelets (c) Haemoglobin (d) White Blood corpuscles (h) Solve the brain (b) Blood platelets (c) Plasmacist Gr.III (23.06.2015) Ans. (d): White blood cells, also known as leukocytes; icrulate in our blood and respond to injury or illness. (a) 90°F (b) 98°F (c) 98.6°F (c) 98.6°F	(c) White blood cells (d) Hormones	(a) Fertilisation takes place inside the test tube
 Ans. (a) : Red blood squeeze through narrow enailtaries insigle file. (b) Horotspharm of the bady lacks place index the enaited in the blood systems place index the enait of the blood system. (c) Fertilisation takes place outside the mother body. (d) Unfertilised egg develops inside the test tube. (e) Harmoglobin molecules inside file the best value. (f) Harmoglobin geomponents of blood protects human beings from infection? (a) Plasma (b) Blood Platelets (c) Harmoglobin (d) White Blood Corpuscles (d) White Blood Corpuscles (e) Harmoglobin for our immune system, white blood cells, also known as leukocytes, are responsible for protecting our body from infection? (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F (d) 96.	RRB Pharmacist Gr.III (23.06.2015)	(b) Development of the baby takes place inside
 Lapillaries in single file. Haemoglobin molecules inside red blood cells pick up and carry the oxygen, These oxygen-rich cells travel in the blood vessels from the lungs to the left side of the beart. The blood is pumped around the body. 365. Which of the following components of blood protects human beings from infection? (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White blood corpuscles Ans. (d): White blood cells, also known as leukocytes are responsible for protecting our body from infection. As part of our immune system, white blood cells. (c) 98.6 °F (d) 98 °F (e) 98.6 °F (d) 98.6 °F (d) 98.6 °F (d) 98.6 °F (d) 98.6 °F (e) 98.6 °F (f) 98.6 °F (g) 98.6 °	Ans. (a) : Red blood squeeze through narrow	the test tube
 Haemoglobin molecules inside red blood cells pick up and carry the oxygen. These oxygen-rich cells travel in the blood vessels from the lungs to the left side of the heart. The blood is pumped around the body. 365. Which of the following components of blood protects human beigs from infection? (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles Ans. (d) : White blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells eirculate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is g.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have: (b) Kidney (c) Spleen (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object is formed bolk blury. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	capillaries in single file.	(c) Fertilisation takes place outside the mother
 and carry the oxygen. These oxygen. These oxygen. The cells travel in the blood vessels from the lungs to the left side of the heart. The blood is pumped around the body. 365. Which of the following components of blood protects human beings from infection? (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (d): White blood cells, also known as leukocytes, are responsible for protecting our body from infection? (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F (e) 98.6 °F (f) 96.6 °F (g) 90 °F (g) 96.7 °C (h) 98.8 °F (g) 96.7 °C (h) 98.8 °F (g) 96.7 °C (h) 98.8 °F (g) 96.7 °C (h) 98.6 °F (g) 96.6 °F (g) 98.6 °F (g) 96.7 °C (h) 98.6 °F (h) 98.6 °F (g) 98.6 °F (h) 96.4 °F (h) 98.6 °F (g) 98.6 °F (h) 98.6 °F (g) 98.6 °F (h) 98.6 °F (h) 98.6 °F (g) 98.6 °F (h) 98.6 °F (g) 98.6 °F (h) 96.4 °F (h) 98.6 °F (g) 98.6 °F (h) 96.4 °F (h) 98.6 °F (g) 98.6 °F (h) 96.8 °F (h) 96.6 °F	Haemoglobin molecules inside red blood cells pick up	body
 The blood vessels from the lungs to the left state of the structure of human blood vessels from the lungs to the left state of lungs to the left state of the lungs of the left state of the lungs to the le	and carry the oxygen, These oxygen-rich cells travel in	(d) Unfertilised egg develops inside the test tube
 Ans. (c): The test tube is a term that refers to a child that is conceived outside the women's body by a scientific process known as In-Vitro Fertilization or IVF treatment. Ans. (d): White Blood Cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells circulate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c): The normal temperature of human body is 98.6 °F (d) 96.4 °F (d) 96.4 °F (d) 96.4 °F (d) 96.6 °F (d) 98.6 °F (d	heart. The blood is numbed around the body	RRB Pharmacist Gr.III (23.06.2015)
 305. Which of the following components of protects human beings from infection? (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : White blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells, enclosed and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (c) 98.6 °F (d) 96.4 °F (e) 98.6 °F (f) 96.4 °F (g) 98.6 °F (g) 96.4 °F (g) 100.4 (Langs) (g) 100.4 (Langs)	365 Which of the following components of blood	Ans (c): The test tube is a term that refers to a child
 (a) Plasma (b) Blood Platelets (c) Haemoglobin (d) White Blood Corpuscles Ans. (d) : White blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells, circulate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a lev condition of the eys where the main organs is the condition of the eys where the mane organs of human body? (a) Ewy common eye condition in which near object appear, but object farther away look blurry. Hypermetropia is the condition of the eys where the mane rogans of human body? (a) Ewy common eye condition in which near object appear, but object farther away look blurry. Hypermetropia is the condition of the eyes where the mane rogans of human body? (a) Ewy (b) Ear (c) Nose (d) Heart RRB Pharmacist Gr.III (23.06.2015) 	505. Which of the following components of blood protects human beings from infaction?	that is conceived outside the women's body by a
 (a) Hamma (b) Hadred Fatters (b) Hamma (b) Hadred Fatters (c) Hamma (b) Hadred Fatters (d) White Blood Corpuscles Ars. (d) : White blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells, class of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RBP Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of the human body is 98.6 °F (d) 96.4 °F RBP Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long-sightedness. Hypermetropia is the condition of the eyes where the timage of a nearby object is formed behind the retina. 	(a) Plasma (b) Blood Platelets	scientific process known as In-Vitro Fertilization or
 (d) White Blood Corpuscles RRB Pharmacist Gr.III (23.06.2015) Ans. (d): White blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells, inrunue system, white blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of white blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c): The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have: 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from	(a) Haemoglobin	IVF treatment.
 (a) White blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells circulate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RCB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Ans. (d) : Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long-sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	(d) White Blood Corpuscles	370 Pituitary gland is present
 Ans. (d): White blood cells, also known as leukocytes, are responsible for protecting our body from infection. As part of our immune system, white blood cells, icrulate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c): The normal temperature of human body is 98.6 °F (37 °C). Human body temperature tana younger people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d): Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	RRB Pharmacist Gr.III (23.06.2015)	(a) Below the brain (b) Above the brain
 (d) Nome of body from infection. As part of our immune system, white blood cells circulate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness. Myopima is a condition of the eyes where the image of a nearby object is formed behind the retina. 	Ans (d) · White blood cells also known as leukocytes	(a) Inside the brain
 As part of our immune system, while blood cells circulate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F (d) 96	are responsible for protecting our body from infection	(d) Nowhere near the brain
 circulate in our blood and respond to injury or illness. 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long-sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. Ans. (b) Ear (c) Nose (d) Heart (e) Nose (f) Hart (g) Nose of the ertina. 	As part of our immune system, white blood cells	(d) Nowhere hear the brann RRB Pharmacist Cr III (23.06.2015)
 366. The normal temperature of the human body is (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have lower body temperature tan younger people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long- sightedness. Myopia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	circulate in our blood and respond to injury or illness.	Ang (a) The Dituitory gland also known ag
 (a) 90 °F (b) 98 °F (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c): The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d): Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long- sightedness. Hypermetropia - Hypermetropia is also called long- sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	366. The normal temperature of the human body is	Hypophysis is a nea-sized endocrine gland situated at
 (c) 98.6 °F (d) 96.4 °F RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	(a) 90 °F (b) 98 °F	the base of our brain. It is often referred to as the
RRB Pharmacist Gr.III (23.06.2015)Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have.371. Which of the following organs is used in the purification of blood in human body? (a) Liver (b) Kidney (c) Spleen (d) Lungs367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015)Ans. (b) : The structure of human kidney can be seen as two reddish bean-shaped organs that are located below the rib cage on each side of the spine. They are almost a fistful in size, measuring around 10-12 cm. Kidneys are the main organs in the human excretory system, which takes place in the filtration of the blood before the urine is formed.Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness.372. Cornea is a part of which of the following organs of human body? (a) Eye (b) Ear (c) Nose (d) Heart RRB Pharmacist Gr.III (23.06.2015)	(c) 98.6 °F (d) 96.4 °F	master gland because it produces some of the important
Ans. (c) : The normal temperature of human body is 98.6 °F (37 °C).371. Which of the following organs is used in the purification of blood in human body?Human body temperature can vary depending on how active you are or the time of day, older people have.371. Which of the following organs is used in the purification of blood in human body?367. If a person can see an object clearly when it is placed at distance of about 25 cm away from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015)371. Which of the following organs is used in the purification of blood in human body?Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long- sightedness.371. Which of the following organs is used in the purification of blood in human body?(a) Eye (b) Ear (c) Nose(b) Kidney (c) Spleen(c) Spleen(d) Eye (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015)(c) Spleen(c) LungsAns. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long- sightedness.372. Cornea is a part of which of the following organs of human body? (c) Nose(a) Eye (c) Nose(b) Ear (c) Nose(c) Heart (c) Nose	RRB Pharmacist Gr.III (23.06.2015)	hormones in the body.
 98.6 °F (37 °C). Human body temperature can vary depending on how active you are or the time of day, older people have lower body temperature than younger people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry. Hypermetropia - Hypermetropia is also called long-sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	Ans. (c) : The normal temperature of human body is	371. Which of the following organs is used in the
Human body temperature can vary depending on how active you are or the time of day, older people have lower body temperature than younger people have.(a) Liver (b) Kidney (c) Spleen (c) Spleen (d) Lungs RRB Pharmacist Gr.III (23.06.2015)367. If a person can see an object clearly when it is placed at distance of about 25 cm away from (a) Myopia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015)(a) Liver (b) Kidney (c) Spleen (c) Spleen (d) Lungs RRB Pharmacist Gr.III (23.06.2015)Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.(a) Liver (b) Kidney (c) Spleen (c) Nose (d) Heart (c) Nose (d) Heart (c) NoseMass of the splear (c) Spleen (c) Spleen (c) Splear (c) Splear (c) Nose (d) Heart (c) NoseMass of the splear (c) Splear (c) NoseMass of the splear (c) Splear (c) NoseMass of the splear (c) NoseMass	98.6 °F (37 °C).	purification of blood in human body?
 active you are or the time of day, older people have lower body temperature than younger people have. 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	Human body temperature can vary depending on how	(a) Liver (b) Kidney
Indext and stance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (b) : The structure of human kidney can be seen as two reddish bean-shaped organs that are located below the rib cage on each side of the spine. They are almost a fistful in size, measuring around 10-12 cm. Kidneys are the main organs in the human excretory system, which takes place in the filtration of the blood before the urine is formed.Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.RRB Pharmacist Gr.III (23.06.2015)Ans. (d) RRB Pharmacist Gr.III (23.06.2015)RRB Pharmacist Gr.III (23.06.2015)	active you are or the time of day, older people have	(c) Spleen (d) Lungs
 367. If a person can see an object clearly when it is placed at distance of about 25 cm away from him, he is suffering from (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long-sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. 	lower body temperature than younger people have.	RRB Pharmacist Gr.III (23.06.2015)
placed at distance of about 25 cm away from him, he is suffering from (a) Myopiainterfering from (b) Hypermetropia (c) Astigmatisminterfering from (d) None of these RRB Pharmacist Gr.III (23.06.2015)Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.interfering from two reddish bean-shaped organs that are located below the rib cage on each side of the spine. They are almost a fistful in size, measuring around 10-12 cm. Kidneys are the main organs in the human excretory system, which takes place in the filtration of the blood before the urine is formed.372. Cornea is a part of which of the following organs of human body? (a) Eye (b) Ear (c) Nose(a) Eye (b) Ear (c) Nose(b) Heart (c) Nose	367. If a person can see an object clearly when it is	Ans. (b): The structure of human kidney can be seen as
Inim, he is suffering from(a) Myopia(b) Hypermetropia(c) Astigmatism(d) None of theseRRB Pharmacist Gr.III (23.06.2015)Ans. (d) : Myopia is also called short-sightedness.Myopia is a very common eye condition in which near object appear, but object farther away look blurry .Hypermetropia - Hypermetropia is also called long- sightedness.Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.	placed at distance of about 25 cm away from	two reddish bean-shaped organs that are located below
 (a) Myopia (b) Hypermetropia (c) Astigmatism (d) None of these RRB Pharmacist Gr.III (23.06.2015) Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long-sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. fistful in size, measuring around 10-12 cm. Kidneys are the main organs in the human excretory system, which takes place in the filtration of the blood before the urine is formed. 372. Cornea is a part of which of the following organs of human body? (a) Eye (b) Ear (c) Nose (d) Heart RRB Pharmacist Gr.III (23.06.2015) 	him, he is suffering from	the rib cage on each side of the spine. They are almost a
(d) None of theseRRB Pharmacist Gr.III (23.06.2015)Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness.Kidneys are the main organs in the human excretory system, which takes place in the filtration of the blood before the urine is formed.372. Cornea is a part of which of the following organs of human body? (a) Eye(b) Ear (c) Nose(c) Nose(d) Heart RRB Pharmacist Gr.III (23.06.2015)	(a) Myopia (b) Hypermetropia	fistful in size, measuring around 10-12 cm.
RRB Pharmacist Gr.III (23.00.2015)Ans. (d) : Myopia is also called short-sightedness. Myopia is a very common eye condition in which near object appear, but object farther away look blurry . Hypermetropia - Hypermetropia is also called long- sightedness.system, which takes place in the filtration of the blood before the urine is formed.372. Cornea is a part of which of the following organs of human body? (a) Eye372. Cornea is a part of which of the following organs of human body? (a) Eye(a) Eye(b) Ear (c) Nose(d) Heart RRB Pharmacist Gr.III (23.06.2015)	(c) Asugmatism (d) None of these	Kidneys are the main organs in the human excretory
Ans. (u) : Myopia is also called snort-signtedness.Myopia is a very common eye condition in which near object appear, but object farther away look blurry .Hypermetropia - Hypermetropia is also called long- sightedness.Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.Before the urine is formed.372. Cornea is a part of which of the following organs of human body?(a) Eye(b) Ear (c) Nose(c) Nose(d) Heart RRB Pharmacist Gr.III (23.06.2015)	KKB rnarmacist Gr.III (23.06.2015)	system, which takes place in the filtration of the blood
Myopha is a very common eye condition in which hear object appear, but object farther away look blurry .372. Cornea is a part of which of the following organs of human body? (a) EyeHypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.372. Cornea is a part of which of the following organs of human body? (a) Eye(b) Ear (c) Nose(d) Heart RRB Pharmacist Gr.III (23.06.2015)	Ans. (d) : Myopia is also called short-sightedness.	before the urine is formed.
HypermetropiaHypermetropia is also called long- sightedness. Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.organs of human body? (a) Eye (b) Ear (c) Nose (d) Heart RRB Pharmacist Gr.III (23.06.2015)	object appear, but object farther away look blurry	372. Cornea is a part of which of the following
sightedness.(a) Eye(b) EarHypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina.(c) Nose(d) HeartRRB Pharmacist Gr.III (23.06.2015)	Hypermetronia - Hypermetronia is also called long	organs of human body?
Hypermetropia is the condition of the eyes where the image of a nearby object is formed behind the retina. (c) Nose (d) Heart RRB Pharmacist Gr.III (23.06.2015)	sightedness	(a) Eye (b) Ear
image of a nearby object is formed behind the retina. RRB Pharmacist Gr.III (23.06.2015)	Hypermetropia is the condition of the eves where the	(c) Nose (d) Heart
	image of a nearby object is formed behind the retina.	RRB Pharmacist Gr.III (23.06.2015)

Ans. (a): The cornea is the outermost transparent layer	external environment, for sending motor commands to
of the eye present in the anterior portion of the eye. It	our muscles, and for transforming and relaying the
covers the ting aperture of the eye, i.e. pupils. The	electrical signals at every step in between.
The main function of cornea is to refract the light	378. The grand, which in relation to body size is largest at the birth and then gradually shrinks
entering the eves. Cornea accounts for most of the	after puberty is?
focusing function and optical power of the eyes.	(a) Thyroid (b) Pituitary
373. What is Funny Bone?	(c) Thymus (d) Adrenal
(a) A muscle (b) A nerve	RRB Pharmacist Gr.III (23.06.2015)
(c) A bone (d) A blood vessel	Ans. (c) : The thymus is found within the upper front, a
RRB Pharmacist Gr.III (23.06.2015)	part of the chest within the anterior superior media
Ans. (b) : The funny bone is a nerve called the ulnar	Mediastinum, behind the sternum, and anead at the
nerve that emerges from the spine, runs through the	length 4 cm in breath and about 6 mm in thickness, but
neck and elbow to the fingers.	after infancy, if grows and reaches its maximum size
374. Man cannot digest cellulose whereas cows can	during puberty. After puberty, the thymus gland is very
do so because?	small in elderly people, by the age at 75 years.
(a) Their gui contains Dacteria capable of digesting cellulose	379. A human sperm may contain?
(b) They have many - chambered stomach	1. X-chromosome2. Y-chromosome
(c) They have efficient grinding molars.	3. XY-chromosome
(d) They produce an enzyme cellulose which can	(a) I only (b) 2 only (c) 1 $(1, 1, 2)$ and 2
digest cellulose.	(c) 1 and 2 (d) 1, 2 and 3 (d) 1, 2 and 3
RRB Pharmacist Gr.III (23.06.2015)	KKB Pharmacist Gr.III (25.00.2015)
Ans. (a) : There are some animal , such as cows and	Ans. (c) : Sperm is the male reproductive cell, or
goats which graze grass that have symbiotic bacteria in	Sperm cells form during the process known as
their abdomen which can digest cellulose. Human do	spermatogenesis. The sperm cells have only 23
not have these bacteria no cellulose, the enzyme needed	chromosomes or half of the usual number. When a
to break the bonds of cellulose whereas the bacteria in a	sperm cell unites with the ovum, which also has 23
cow's gut does produce centrose.	chromosomes, the resulting 46 chromosomes determine
ζ/S Which of the tellowing when tellow in	the Ottenring cherectoristics a man's shore community
pregnant women is found to be the cause of	aither y chromosome or y chromosome which called
pregnant women, is found to be the cause of deformed children?	either x chromosome or y chromosome which called sexual chromosome
(a) Glycerol (b) Xylidine	either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs
 (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these 	 a the original characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body?
 (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these (a) RRB Pharmacist Gr.III (23.06.2015) 	 a) a Radius b) Tibia
 (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these (c) Thalidomide (c) Thalidom	 a) Radius (a) Radius (b) Tibia (c) Femur (d) Fibula
 (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these (c) Thalidomide (c) That 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it 	and the offspring characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015)
 (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those 	 a) a constraint of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula (c) Femur (d) Fibula (c) Femur (c) Femur (c) Fibula (c) Femur (c) Fibula (c) Femur (c) Fibula (
 (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. 	 a) a constraint of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula (c) Femur (d) Fibula (c) Femur (c) Fibula (c) Femur (c) Fibula (c) Femur (c) Fibula (d) Fibula (e) Fibula (f) Fibula (h) Fibula
 a) Glycerol (b) Xylidine b) (c) Thalidomide (d) None of the these c) Thalidomide (d) No	 a) The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the
 375. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 	 a) The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the wrist the radius is between 8 to 10 5 inches long in adult.
 373. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human bady is? 	 a) a constraints in the contains spenific contains spenific contains spenific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which
 373. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 	 a) a construction of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following?
 373. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 	 a Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a): The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? Blood is red Compare 1.
 375. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) 	 a) and a contract of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is continuous.
 375. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid. 	 a Conspiring characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is continuous. 4. Bleeding is intermittent.
 373. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in 	 and the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? Blood is red Blood is red Blood is intermittent. (a) 1 and 3 (b) 2 and 3
 373. With of the following with taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex 	 and the following characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4
 s73. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 	 and the origining characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a): The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4
 s73. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 377. The largest cell in the human body is 	 and the following characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? Blood is red Blood is purple. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4 RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Arterial bleeding, also called pulsatile is bleater and the following is the pulsatile is a long bar of the pulsatile is purple.
 375. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 377. The largest cell in the human body is (a) Nerve cell (b) Muscle cell 	 a) the Offspring characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4 Ans. (a) : Arterial bleeding, also called pulsatile bleeding, is the most serious type of bleeding. It's upper the main of the most serious type of bleeding. It's upper the main of the most serious type of bleeding. It's upper the main of the main of the most serious type of bleeding. It's upper the main of the most serious type of bleeding. It's upper the main of the main of the main of the main of the most serious type of bleeding. It's upper the main of the
 375. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 377. The largest cell in the human body is (a) Nerve cell (b) Muscle cell (c) Liver cell (d) Kidney cell 	 a Conspiring characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula Ars. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4 Ans. (a) : Arterial bleeding, also called pulsatile bleeding, is the most serious type of bleeding. It's usually caused by major injuries. Since arterial blood flows from the Heart, it's oxygenated and bright red.
 375. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 377. The largest cell in the human body is (a) Nerve cell (b) Muscle cell (c) Liver cell (d) Kidney cell 	 and the following characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a): The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4 RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Arterial bleeding, also called pulsatile bleeding, is the most serious type of bleeding. It's usually caused by major injuries. Since arterial blood flows from the Heart, it's oxygenated and bright red. The blood is bright red in colour due to its high oxygen
 373. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 377. The largest cell in the human body is (a) Nerve cell (b) Muscle cell (c) Liver cell (d) Kidney cell RRB Pharmacist Gr.III (23.06.2015) 	 and the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? Blood is red Bleeding is intermittent. (a) 1 and 3 (b) 2 and 4 RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Arterial bleeding, also called pulsatile bleeding, is the most serious type of bleeding. It's usually caused by major injuries. Since arterial blood flows from the Heart, it's oxygenated and bright red. The blood is bright red in colour due to its high oxygen concentration. When an artery is cut, the wound bleeds
 373. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s , thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 377. The largest cell in the human body is (a) Nerve cell (b) Muscle cell (c) Liver cell (d) Kidney cell RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The largest cell in the human body is nerve cell. Nerve cells also called neurons are the fundamental 	 a Conspiring characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula Ars. (a) : The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4 Ans. (a) : Arterial bleeding, also called pulsatile bleeding, is the most serious type of bleeding. It's usually caused by major injuries. Since arterial blood flows from the Heart, it's oxygenated and bright red. The blood is bright red in colour due to its high oxygen concentration. When an artery is cut, the wound bleeds as pulse due to the high pressure bleeding is rated as
 373. Which of the following when taken by pregnant women, is found to be the cause of deformed children? (a) Glycerol (b) Xylidine (c) Thalidomide (d) None of the these RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : In the 1950s and 1960s, thalidomide was used to treat morning sickness during pregnancy. But it was found to cause disable in the babies born to those taking the drug. Now, decades later, thalidomide is being used to treat a skin condition and cancer. 376. The diploid number of chromosomes in human body is? (a) 24 (b) 40 (c) 46 (d) 48 RRB Pharmacist Gr.III (23.06.2015) Ans. (c) : A diploid cell has two complete sets of chromosome. Most cells in humans are diploid, comprising 23 chromosome pairs, so 46 chromosome in total. This is 22 pairs of autosome and one pair of sex chromosome. 377. The largest cell in the human body is (a) Nerve cell (b) Muscle cell (c) Liver cell (d) Kidney cell RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : The largest cell in the human body is nerve cell. Nerve cells also called neurons are the fundamental units of the brain and nervous system, The cells	 a Chrisping characteristics. A main's sperific contains either x chromosome or y chromosome which called sexual chromosome. 380. Which of the following is not a bone in the legs of human body? (a) Radius (b) Tibia (c) Femur (d) Fibula RRB Pharmacist Gr.III (23.06.2015) Ans. (a): The radius is a long bone in the forearm. It lies laterally and parallel to ulna, the second at the forearm bones. The radius Pivots around the ulna pivot around one another to allow rotation at the wrist the radius is between 8 to 10.5 inches long in adult. 381. Bleeding from artery is characterised by which of the following? 1. Blood is red 2. Blood is purple. 3. Bleeding is intermittent. (a) 1 and 3 (b) 2 and 3 (c) 1 and 4 (d) 2 and 4 RRB Pharmacist Gr.III (23.06.2015) Ans. (a) : Arterial bleeding, also called pulsatile bleeding, is the most serious type of bleeding. It's usually caused by major injuries. Since arterial blood flows from the Heart, it's oxygenated and bright red. The blood is bright red in colour due to its high oxygen concentration. When an artery is cut, the wound bleeds as pulse due to the high pressure bleeding is rated as highly serious as soon as making sure that both one's

382. Which of the following is not a bone in the human body?	Ans. (d): Calcium is one of the most important minerals in the proper function of muscles. Nerves and the heart
(a) Sternum (b) Humerus	and is necessary for blood clotting and bone formation
(c) Pericardium (d) Tibia	About 99% of calcium is found in the bones, while the
RRB Pharmacist Gr.III (23.06.2015)	remaining 1% circulates in the blood. Calcium is
Ans. (c) : Pericardium is a fluid - filled sac that	supplied by the food we consume or by taking calcium
surrounds our heart and the roots of the major blood	supplements. A balanced healthy diet profiles 1000
vessels that extend from our heart. Conditions that	milligrams of calcium per day.
affect our pericardium include pericarditis. Pericardial	387. Phenylketonuria is an example of an inborn
effusion & Constructive pericarditis. Pericardium is	error of metabolism. This 'error' refers to
heart is located in the front of our chest slightly to the	(a) Hormonal overproduction
left of our breastbone.	(b) Non disjunction
383. Rennin and lactase, the enzymes required to	(c) Atrophy of endocrine glands
digest milk, disappear in the human body by	(d) Innerited lack of an enzyme DDD Dearmosist Cr III (22.06.2015)
the age of	KKB Pharmacist Gr.III (23.00.2015)
(a) Two (b) Three	Ans. (c) : Phenylketonuria (PKU) is an inform error of matchaliam [IEM] in which matchaliam of the accordial
(c) Five (d) Eight	amino acid phenylalanine is defective. It is inherited in
RRB Pharmacist Gr.III (23.06.2015)	an autosomal recessive fashion and occurs in about 1 in
Ans. (d) : Lactase & Rennin is an enzyme that is	15,000 live births in the U.S.
required by the body cleaving lactose into glucose and	Phenylketonuria (PKU)is an inborn error of metabolism
galactose. Lactose is a sugar that is found in milk or its	due to atrophy of endocrine glands that results in
intestine of mammals	decreased metabolism of the amino acid phenylalanine
Both these enzymes are abundant in infancy where the	untreated. PKU can Lead to intellectual disability,
infant is highly dependent on the diet of milk. At the	seizures, behavioral problems, and mental disorders. It
age of eight years, Rennin and lactase disappear in the	
human body.	388. As in the arms and legs, blood flows against gravity and is prevented from flowing back by
384. Duodenum is situated	(a) The extremely low pressure of venous blood
(a) At the uppermost part of the small intestine	(a) The extremely low pressure of venous blood (b) Valves
(b) Near the lungs	(c) Movements in the surrounding muscles
(c) In the brain	(d) The narrowing down of the lumen of veins by
(d) At the tail end of the intestine	the contraction of the muscle layer
RRB Pharmacist Gr.III (23.06.2015)	comprising
Ans. (a) : The duodenum is the first part of the small	RRB Pharmacist Gr.III (23.06.2015)
intestine. The duodenum has been described as a C-	Ans. (b) : The heart is not strong enough by itself to get
snaped or norsesnoe- snaped segment of the small	the blood back up the veins in our legs and back to our
intestine it is located below the stomach. The	heart. The human body relies on a second system to
segment has a different structure and shape and	finish that task. This system involves small valves
performs a different function	throughout the veins and muscle contractions from our
385 The heart is asymptotic hy a membrane called	skeletal muscles when we walk and move about. The
(a) Enidermis (b) Dermis	valves close when blood start to flow in one direction so
(a) Epicerdium (d) Pericardium	that blood in the veins can only flow in the direction
(c) Epicardium (d) Fericardium DDP Dearmonist Cr III (22.06.2015)	
Ans (d) : Heart is a muscular argan which is present	389. Alpha 2 globulin is otherwise known as:
behind & is tilted slightly to the left side of the	(a) Transcortin (b) Ceruloplasmin
breastbone.	(c) Transferrin (d) Orosomucoid
The heart is covered by a double- layered membrane	Kerala PSC Asst. Pharmacist (19.06.2015)
called as parietal pericardium while the inner layer is	Ans. (b) : Alpha 2 globulin is otherwise known as
called visceral pericardium. The Space between the two	ceruloplasmin.
layers is filled with pericardial fluid which reduces the friation while number to the beart	Ceruloplasmin is a protein made in our liver. It stores
incuon while pumping to the heart.	and carries the mineral copper around our body.
386. About of the total calcium present in the	in blood. Conner is vital to many process in our body
numan body is in the blood. (a) $000/$	These include building strong hones and making
(a) 99% (b) $/0\%$	melanin But having too much copper in our body can
(c) 5% (d) 1%	be toxic.
KKB Pharmacist Gr.III (23.06.2015)	

390. Which organ comes under poorly perfused organ? (a) Skin (b) Musde (c) Fat (d) Kidneys	395. Disease characterized by increase in the number of platelets in blood (a) Lymphocytic leukemia
Kerala PSC Asst. Pharmacist (19.06.2015)	(b) Megaloblastic anemia
Ans. (c): The body's circulation system sends blood and	(c) Thrombocytopenia
oxygen throughout our entire body. Poor cerculation,	(d) Thrombocythemia
also known as poor perfusion occurs when blood flow	Kerala PSC Pharmacist Gr.II (29.10.2015)
to a specific part of our body reduced. \rightarrow The well perfused organs include liver heart lungs	Ans. (d) : Thrombocythemia is a disease in which your
and brain	bone marrow makes too many platelets.
\Rightarrow The poor perfused organs include fat, skin and	\rightarrow It our platelet count is too high, blood clots can forms in our blood vessels, this can block blood flow
subcutaneous tissue, And resting muscle	through our body
391. Select an endocrine drug which is a steroidal	396. An inherited metabolic disorder Alkantonuria
derivative	is due to the lack of enzyme
(a) Gonadorelin (b) Insulin	(a) Phenylalanine hydroxylase
(c) Levothyroxine (d) Hydrocortisone	(b) Tyrosine hydroxylase
DSSSB Pharmacist (26.04.2015)	(c) Homogentisate oxidase
Ans. (d) : Hydrocortisone is a steroid (corticosteroid) medicine. It works by claming down our body's	(d) Hydroxy phenylpyruvate hydroxylase
immune response to reduce pain, itching and swelling.	Kerala PSC Pharmacist Gr.II (29.10.2015)
It can also be used as hormone replacement for people	Ans. (c) : Alkaptonuria is caused by deficiency of an
who do not have enough of the natural stress hormone	enzyme Homogentisate oxidase.
cortisol.	\rightarrow The three major reactives of Alkaptonulla are the presence of dark urine ochronosis a buildup of dark
392. Indications of vasopressin are following	pigment in connective tissues.
(a) Diabetes mellitus	397. What is the descriptive name of clotting factor x.
(b) Hypertension (c) Pituitary diabetes insinidus	(a) Fibrinogen (b) Labile factor
(d) Incompleted abortion	(c) Prothrombin (d) Stuart-prower
DSSSB Pharmacist (26.04.2015)	factor
Ans. (c): Pituitary diabetes insipidus are indication of	Kerala PSC Pharmacist Gr.II (29.10.2015)
vasopressin.Vasopressin decreases water excretion by	Ans. (d) : Clotting factor , known as Stuart- power
the kidneys, by increasing water reabsorption in the	Pactor.
collecting ducts, hence its other name of antidiuretic	\rightarrow Reduced quantity of function of coaguiation Factor X prevents blood from clotting pormally causing
effect on arterioles throughout the body	enisodes of abnormal bleeding that can be serve
393. Which of the following hormones is produced	\rightarrow Factor X is synthesized in the liver and requires
by the thyroid gland?	vitamin K for its synthesis.
(a) Thyroid-stimulating hormone	398. Total number of Axial bone in adult human
(b) Thyrotropin-releasing hormone	body
(c) Triodothyronine	(a) 126 (b) 80
(d) Thyroglobulin	(c) 206 (d) 202
DSSSB Pharmacist (26.04.2015)	Kerala PSC Pharmacist Gr.II (29.10.2015)
Ans. (c) : Triodothyronine hormone is Produced by the	Ans. (b) : Total no. of axial bone in adult human body
thyroid gland. Iriodothyronine also known as I_3 .	is 80.
I riodothyronine is a thyroid hormone. It affects	\Rightarrow The adult skeleton consists of 206 named bone.
body temperature and heart rate	These bones can be grouped in two division axial
304 Indicate muscles which are more resistant to	skeleton and appendicular skeleton.
574. Indicate muscles, which are more resistant to block and recover more rapidly	399. A hormone secreted by the anterior lobe of
(a) Hand (b) Leg	pituitary gland:
(c) Neck (d) Dianhraom	(a) Mineralocorticoids
DSSSR Pharmacist (26 04 2015)	(b) Gonadotropin releasing hormone
Ans. (d) : Diaphragm muscles are more resistant to	(c) Growth normone (d) Thematron is achieved as the
block and recover more rapidly. The diaphragm is the	(a) Enviropin releasing normone
most highly resistant muscle to NMBAs, as well as the	Kerala PSC Pharmacist Gr.II (31.01.2015)
first to recover but the occurrence of its dysfunction has	Ans. (c) : Growth hormone secreted by the anterior lobe
been emplected in postoperative respiratory failure,	or pluitary gland oxytocin and antidiuretic normone
specially when meenamear ventilation is protonged.	recipited by the posterior robe of pitultary grand.

400. An drug which inhibits spermatogenesis, used	Ans. (c): Aplastic anemia results in destruction of red
as male contraceptive	bone marrow.
(a) Tamoxifen (b) Norethindrone	Aplastic anemia is condition in which the bone marrow
(c) Levonorgestrel (d) Gossypol	dose not make enough blood cells.
Kerala PSC Pharmacist Gr.II (31.01.2015)	405. Which one of the following is not one of the
Ans. (d): Gossypol is a polyphenolic compound derived	steps of Homeostasis?
mainly form cottonseed oil, which has been found to have antifertility effects in males it has been reported to	(a) Coagulation (b) Vasoconstriction
induce disturbance of the hypothalamic nituitary axis	(c) Platelet plug formation
disruption of spermatogenesis in the testes and	(d) Hemophilia
inhibition of postejaculatory spermatozoa motility.	MPSC Pharmacist (15.04.2014)
401. Diabetes insinidus is due to deficiency of :	Ans. (d) : Coagulation vasoconstriction and platelet
(a) Oxytocin (b) Insulin	plug formation are the steps of the Homeostatis. But
(c) Vasopressin (d) Aldosterone	Hemophilia is not as part of homeostatis. Hemophilia is
Kerala PSC Pharmacist Gr.II (31.01.2015)	blood door not alot properly. This can lood to
Ans. (c) : Diabetes insipidus is in caused by problems	spontaneous bleeding as well as bleeding following
with a chemical called vasopressin (AVP), with is also	injuries or surgery.
known as antidiuretic hormone (ADH). AVP is	406 Which one of the following is not the
produced by the hypothalamus and stored in the	component of white blood cells?
pituitary gland until needed	(a) Neutrophils (b) Platelets
\rightarrow Oxytocins a natural normone that manages key	(c) Monocytes (d) Basophils
aspects 1 the female and male reproductive systems, in including labour and delivery and lactation as will as	MPSC Pharmacist (15.04.2014)
aspects of human behavior	Ans. (b) : White blood cell are part of the body's
402 The Rh blood group is so named because	immune system. They help the body fight infection and
(a) Blood groups contain either Rh +ve or Rh –	other diseases. Types of white blood cells component
charges	neutrophils, Monocytes, Basophils granulocytes,
(b) Antigen was discovered in the blood of	monocytes and lymphocytes (T cells and B cells).
Rhesus monkey	Platelets is not component of white blood cells.
(c) Antibodies are having Rh system	407. Which type of hypersensitivity reaction has
(d) Antigens exist in human plasma	cell- mediated (delayed) type of action?
MPSC Pharmacist (15.04.2014)	(a) Type I Hypersensitivity (b) Type II hypersensitivity
Ans. (b) : The Rh blood group is so named because	(a) Type II hypersensitivity
Antigen was discovered in the blood of rhesus monkey.	(d) Type IV hypersensitivity
mentagy anythrogete entiron such as the D entiron that said	MPSC Pharmacist (15.04.2014)
to be Rh+. This system is guite complex and the rare Rh	Ans (d) · Type IV hypersensitivity is type of delayed.
alloantigen are still not characterized biochemically	type immune response in which the immune system
403 is not the component of blood proteins	responds to an antigen several hours or days after
(a) Albumin (b) Proconvertin	exposure. It is also known as cell-mediated
(c) Globulin (d) Fibringen	hypersensitivity because tissue damage involves T cells.
(c) Globulin (d) Florinogen (d) MPSC Pharmacist(15.04.2014)	408. Iodine is a constituent of which hormone?
Ans (b) · Proconvertin is not the component of blood	(a) Thyroid hormone (b) Insulin
proteins also termed are proteins present in blood	(c) Oxytocin (d) Corticosteroids
plotents also termed are proteins present in blood plasma Albumin Globulin and Fibringen are the 3	Kerala PSC Pharmacist Gr.II(05.09.2014)
blood proteins	Ans. (a) : Iodine is a constituent of thyroid hormone.
• Albumin Liver produces albumin. Which is a protein	Thyroid gland in our neck take, Iodine, found in many
Albumin enters our blood stream and aids in the	foods and convert it into thyroid hormone. I hyroid
preventin of fluid leakage from blood vessels in to other	giand produces thyroxine (1_4) and another highly active
tissues	
\Rightarrow Globulins - globulins are a hind of protein found in	409. Which organ of human body purifies blood?
the blood stream produced in the liver.	(a) Liver (b) Lungs
\Rightarrow Fibrinogen is protein that the liver produces. This	(c) Heart (d) Kidney
protein aids in the formation of the blood clots.	ESIC Gujarat Jr. Pharmacist (31.08.2014)
404 anemia results in destruction of red	Ans. (d): Kidney is an important organ present in
(a) Iron deficiency (b) Demicience	human body that is responsible for the purification of
(a) non denotency (b) Permicious (c) Aplastic (d) Hamalatic	blood. It removes excretory substances, i.e. urea, excess
(c) Apiasuc (d) Hemolyuc (d) MDSC Dhammarint (15.04.201.0)	of water and other waste products by filtering them out
VIPSC Pharmacist (15.04.2014)	I from the body in the form of urine