

Haryana PCS (Pre) Exam. 2024

GENERAL STUDY

Solved Paper

[Exam Date : 11 Feb. 2024]

1. Consider the following statements regarding Periodic Labour Force Survey (PLFS) Report:
Statement-I : Current Weekly Status (CWS) in urban areas is measured at the interval of three months.
Statement-II : Present Labour Force participation rate (LEPR) and Unemployment rate is in declining trend when compared with its base year 2017-18.
- Which of the statements given above is/are correct?
- (a) Statement I is correct only
(b) Statement II is correct only
(c) Both Statement I and II are correct
(d) Neither Statement I nor II is correct
(e) Question not attempted

Ans.(a): Periodic Labour force survey report for year 2022-23 was released in October, 2023. As per this report Labour force Participation Rate (LFPR) increased with respect to base year 2017-2018. Combined LFPR (Urban Rural) for 2022-23 increased to 54.6% as compared to 48.4% of 2017-18 and unemployment rate decreased to 3.2% in 2022-23 as compared to 6% in 2017-18 National statistical office started PLFS in April 2017. In this current weekly status in urban area is measured at the interval of three months.

2. Consider the following statements regarding recently Reserve Bank of India regarding Treatment of Wilful Defaulters and Large Defaulters Directions, 2023:
1. The directions are applicable to all regulated entities including NABARD, SIDBI and EXIM Bank.
 2. A wilful default borrower needs to be reviewed and finalised within six months of an account being classified as a non-performing asset (NPA).
 3. Lender cannot proceed against guarantor without exhausting the remedies against principal debtor.
- How many of the statements given above are correct?
- (a) 1 only (b) 1 and 2 only
(c) All 1, 2 and 3 (d) 2 and 3 only
(e) Question not attempted

Ans.(b): A per RBI released "Treatment of Wilful Defaulters and Large Defaulters Direction 2023, directions are applicable to all regulated entities including NABARD, SIDBI and EXIM bank. As per the direction the account of wilful defaulter borrowed should be reviewed and finalised within six months of an account being classified as Non Performing asset (NPA) Lender can proceed against guarantor without exhausting the remedies against principal debtor.

3. Consider the following statements regarding the Scheme for Remission of Duties and Taxes on Exported Products (RoDTEP):

1. It provides and mechanism for exemption of taxes, duties, and levies on exported goods.
 2. The scheme is WTO-compatible and is being implemented in an end-to-end IT environment.
- How many of the statements given above are correct?
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) None
(e) Question not attempted

Ans.(c): Remission of Duties and Taxes on Exported Products (RoDTEP) scheme is being in operation since 1st January, 2021. It provides remission of taxes, duty and levy on export products. This scheme is WTO compatible and is being implemented in an end to end IT environment.

Note:- However the commission has deleted this question.

4. Consider the following statements regarding Prompt Corrective Action (PCA) Framework:
1. Currently PCA supervisory norms are applicable to both Government and non-Government NBFC'S.
 2. Discretionary actions under PCA include Restriction on Branch Expansion.
- How many of the statement given above are correct.
- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) None
(e) Question not attempted

Ans.(b): Reserve Bank of India Implemented Prompt Corrective Action (PCA) Framework for scheduled commercial bank in 2022 and for NBFC's on 1st October 2022.

Currently PCA Framework applies only on non-government NBFC and will extend to government NBFC with effect from 1st October, 2024. Discretionary action under PCA also include restriction on branch expansion.

Thus statement 1 is incorrect and statement 2 is correct.

Note:- The Haryana Public Service Commission has given option (a) as correct answer.

5. Consider the following statement regarding the Fugitive Economic Offenders Act:
1. A Fugitive Economic Offender (FEO) is a person who has fled the country and against whom an arrest warrant has been issued for involvement in economic offenses involving at least Rs. 100 crores.
 2. Under the Act, authorities are empowered to confiscate assets even when no conviction has been obtained.
 3. Financial Intelligence Unit is the nodal agency to implement the Act.
- How many of the statement given above are correct?
- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) All, 1, 2 and
(e) Question not attempted

Ans.(a): Fugitive Economic Offender is person against whom an arrest warrant has been issued for committing an offence listed in the act and value of the offence is at least Rs.100 crore and has fled the country. Under FEO act 2018 authorities are empowered to confiscate assets even when no conviction has been obtained. Enforcement directorate is the nodal agency to implement this act.

6. Consider the following statements regarding the Global Survey on Digital and Sustainable Trade Facilitation:

1. It was released by the World Trade Organisation.
2. The overall score of India has been greater than many developed countries.
3. It is a bi-annual survey that deals with trade facilitation measures taken collectively by the WTO member countries.

How many of the statement given above are correct

- (a) 1 only (b) 2 only
(c) All 1, 2 and 3 (d) None
(e) Question not attempted

Ans.(a): The Global Survey on Digital and Sustainable Trade Facilitation was jointly released by the UN regional commissions and UN conference on trade and development. The overall score of India has been greater than many developed countries including Canada, France, the UK, Germany etc. It is a bi-annual survey that deals with trade facilitation measures taken by individual countries. Thus only statement 2 is correct.

7. Consider the following statements regarding the Corporate Debt Development Fund (CDMDF):

1. It will be established as an Alternative Investment Fund.
2. Contribution to the fund shall be mandatory for specified debt-oriented Mutual Fund Schemes and Asset Management Companies.
3. Initially, it will be established for 5 years and can be extended as SEBI's mandate.

How many of the statement given above are correct?

- (a) 1 only (b) 2 only
(c) All 1, 2 and 3 (d) None
(e) Question not attempted

Ans.(b): The Corporate Debt Market Development Fund is an alternative investment fund established to address the needs of the corporate debt market in India. contribution to the fund shall be mandatory for specified debt oriented Mutual fund Schemes and Asset Management Companies. Initially it will be established for 15 years. Thus statement 1 & 2 are correct and statement 3 is incorrect.

8. Consider the following statements regarding the Foreign Portfolio Investment (FPI) in India:

1. It has fluctuated drastically in the past decade.
2. In 2022-23, the net FPI in India was less than 1% of the GDP.
3. Foreign Exchange Management Act, 1999 is the primary legislation governing FPI in India.

How many of the statements given above are correct?

- (a) Only 1 (b) Only 2
(c) All Three (d) None
(e) Question not attempted

Ans.(c): FPI in India, fluctuated drastically in past decade and in 2022-23, the net FPI in India was less than 1% of the GDP. Foreign Exchange Management Act, 1999 is the primary legislation governing FPI in India. Thus all three statement are correct.

9. Consider the following statements in reference to the fertilizers sector in India:

1. Sulphur- coated Urea, also commonly called Neam-coated Urea will help in addressing the Sulphur deficiency of the soil.
2. Fertilizer Flying squads (FFS) was constituted to provide crop-wise recommendations of fertilizers for individual farms.

How many of the statements given are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 only (d) None
(e) Question not attempted

Ans.(d): Sulphur coated Urea and Neem coated Urea are distinct varieties of Urea. Neem coated Urea has traits of insecticide and Sulphur coated Urea helps to address Sulphur deficiency in soil. Thus statement 1 is incorrect. Fertilizer flying squad was constituted to prevent diversion, black marketing and supply of inferior quality of Urea. Thus statement 2 is also incorrect.

10. Consider the following statements:

1. International Financial Corporation is an organ of World Bank to finance private sector in developing countries.
2. ICIMOD-international centre for Integrated Mountain Development is an inter-government knowledge and learning centre situated in Switzerland.
3. All India Rural Financial Inclusion Survey is conducted by Reserve Bank of India (RBI) every five years.

Which of the above statement(s) is/are correct?

- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 only (d) All of the above
(e) Question not attempted

Ans.(c): International Finance Corporation is an organ of World Bank to Finance Private sector in developing countries.

Thus statement 1 is correct. ICIMOD- International center for Integrated Mountain Development is an inter government knowledge and learning centre situated in Nepal. Thus statement 2 is incorrect. All India Rural Financial Inclusion survey is conducted by Reserve Bank of India every three years. Thus statement 3 is incorrect.

11. Match the following List-I with List-II:

List-I		List-II	
1.	Absolute Advantage	a.	Paul Rosenstein Rodan
2.	Theory of Big Push	b.	Adam Smith
3.	Theory of low level Equilibrium trap	c.	Richard R. Neslon
4.	Balanced Growth Theory	d.	Ragner Nurkse

Choose the correct option:

- (a) 1-a, 2-b, 3-c, 4-d (b) 1-b, 2-a, 3-d, 4-c
(c) 1-b, 2-a, 3-c, 4-d (d) 1-d, 2-a, 3-c, 4-b
(e) Question not attempted

Ans.(c): The correct match is as follows:-
List-I **List-II**
 Absolute Advantage – Adam Smith
 Theory of Big Push – Paul Rosenstein Rodan
 Theory of low level – Richard R. Neslon
 Equilibrium trap
 Balanced Growth Theory – Ragner Nurkse

12. Consider the following statements:
 1. Gini Index is a graphical representation of the distribution of income or of wealth.
 2. Higher the Gini Index, the grater the degree of income equality.
 3. The value of Gini Index has increased amongst regular workers while it decreased among casual workers in India as per India Wage Report.
 Which of the statements(s) given above is/are correct?
 (a) 1 and 2 (b) 2 and 3
 (c) 3 only (d) All 1, 2 and 3
 (e) Question not attempted

Ans (*): Gini coefficient often referred to as the Gini Index is a measure of income of or wealth inequality within a specific population. It is graphical representation of distribution of income or wealth. It assigns a numerical value between 0 and 1. 0 represents perfect income or wealth equality and 1 signifies perfect inequality. As per India Wage Report value of Gini Index for both regular and casual workers decreased. Thus, only statement 1 is correct and statement 2 and 3 are incorrect.

Note:- However, the commission has deleted this question.

13. Which of the following features are associated with Soils in India?
 1. It develops on crystalline igneous rocks as a result of intense leaching.
 2. It is rich Iron, Potash and Phosphoric contents.
 3. It is typically found in north-west region of Deccan plateau and made up of lava flows.
 4. It is rich in calcium carbonate, magnesium, potash and lime.
 How many of the statements given above are correct?
 (a) 1 and 2 only (b) 2 and 3 only
 (c) 3 and 4 only (d) 1, 2 and 4 only
 (e) Question not attempted

Ans.(c): Black soil is also known a Regur or cotton soil. In India it is formed by weathering and erosion of basalt lava. Black soil is suitable for cotton cultivation. It is rich in Lime, Iron, Calcium, Potash, Aluminum and Magnesium and deficient in Nitrogen, Phosphorus. It is typically found in northwest region of Deccan plateau.

14. Which of the following characteristics is associated with red and yellow soils in India?
 1. It develops on crystalline igneous rocks in area of heavy rainfall.
 2. It develops a reddish colour due to diffusion of iron in crystalline and metamorphic rocks.
 3. It develops yellows colour in hydrate forms.
 4. It develops red and yellow colour due to iron and Sulphur in dry conditions.
 How many of the statements above are correct:
 (a) 1 and 2 only (b) 2 and 3 only
 (c) 3 and 4 only (d) 1, 2 and 4 only
 (e) Question not attempted

Ans.(b): Red soil is developed in rainfall deficient eastern and southern region of Deccan plateau where there are crystalline igneous rocks. It is rich in Iron, Lime Phosphate, Potash and deficient in Nitrogen and phosphorus. It develops a reddish colour due to diffusion of iron in crystalline and metamorphic rock. It looks yellow is hydrated form.

15. Consider the following statement: There is renewed thrust on production of Millet Crops. Which of the following statements(s) is/are attributable to Ragi Crop?
 1. Ragi is rain-fed crop and mostly grows well in black soil.
 2. Ragi grows well on red, black sandy, loamy and shallow black soil.
 3. It is crops of dry regions and rich on iron, calcium and roughage.
 4. Karnataka, Tamil Nadu, Jharkhand, Rajasthan and Arunachal Pradesh are major Ragi producing states.
 How many of the statement given above are correct?
 (a) 1 and 3 only (b) 2 and 3 only
 (c) 2, 3 and 4 only (d) 1, 3 and 4 only
 (e) Question not attempted

Haryana PSC (Pre) 2023

Ans.(b): Ragi is also known as 'Finger Millet'. It is important coarse grain crop grown in India. Ragi is cultivated mostly in red lateritic soils. It is grows well on red, black sandy, loamy and shallow black soil which are usually well drained. It is crops of dry regions and rich on iron, calcium and roughage. Major Ragi growing states are Karnataka, Maharashtra, Uttarakhand, Tamil Nadu, Andhra Pradesh, Jharkhand, Odisha, Chhattisgarh and Gujarat. Thus only statement 2 and 3 are correct.

16. Match List-I with List-II:

List-I		List-II/ सूची-II	
A.	Endangered Species	i.	Desert sheep and hornbill
B.	Venerable Species	ii.	Blue Sheep
C.	Rare Species	iii.	Lion Tailed Macaque
D.	Extinct Species	iv.	Pink headed duck

Choose the correct answer from the options given below:

- (a) A-iii, B-i, C-iv, D-ii (b) A-iii, B-ii, C-i, D-iv
 (c) A-ii, B-i, C-iv, D-iii (d) A-iv, B-iii, C-i, D-ii
 (e) Question not attempted

Ans.(b): The correct match is as follows-

List-I	List-II
Endangered Species	Lion Tailed Macaque
Venerable Species	Blue Sheep
Rare Species	Desert sheep and hornbill
Extinct Species	Pink headed duck

17. Match List-I with List-II

List-I	List-II		
A.	Iron ore Mines	i.	Balaghat
B.	Copper Mines	ii.	Amarkantak Plateau
C.	Bauxite Mines	iii.	Gua and Noamundi
D.	Mica Mines	iv.	Nellore

Choose the correct answer from the options given below:

- (a) A-iii, B-ii, C-i, D-iv (b) A-ii, B-i, C-iii, D-iv
 (c) A-iii, B-i, C-ii, D-iv (d) A-i, B-iii, C-iv, D-ii
 (e) Question not attempted

Ans.(c): The correct match is as follows–

List-I	List-II
Iron ore Mines	– Gua and Noamundi
Copper Mines	– Balaghat
Bauxite Mines	– Amarkantak Plateau
Mica Mines	– Nellore

18. Consider the following statements:
- Copper, Lead, Tin and Bauxite are non-ferrous minerals.
 - Manganese, Iron, Cobalt and Mica are ferrous minerals.
 - Potash, Marble and Granite are non-metals.
 - Nickel Cobalt and Platinum are precious metals.
- How many of the statements given above are correct?
- (a) 1 and 3 only (b) 1 and 4 only
(c) 2 and 3 only (d) 2, 3 and 4 only
(e) Question not attempted

Ans.(a): Copper, Lead, Tin and Bauxite are non-ferrous minerals. Thus statement 1 is correct. Manganese, Iron, Cobalt are ferrous minerals while Mica is non-ferrous mineral. Thus statement 2 is incorrect. Potash, Marble and Granite are non-metals thus statement 3 is correct. Platinum is precious metal however Nickel and Cobalt are not precious metal.

19. Consider the following statements:
- Kandla port also known as Sardar Patel Port is a tidal port.
 - Marmagao port is for the premier Iron ore export.
 - Chennai is one of the oldest artificial ports of the country.
 - Paradwip port specializes in the export of Mica in the country.
- How many of the statements given above are correct?
- (a) 1 and 3 only (b) 2 and 3 only
(c) 3 and 4 only (d) 2, 3 and 4 only
(e) Question not attempted

Ans.(b): Kandla port is also known as Deendayal port. Thus statement 1 is incorrect. Marmagao port, located in Goa is premier Iron ore export port. Thus statement 2 is correct. Chennai is one of the oldest artificial ports of the country. Thus statement 3 is correct. Paradwip port specializes in export of Iron ore, coal and chemicals. Thus statement 4 is incorrect.

20. Consider the following statements relating to our Solar System:
- Saptarishi forms part of constellation Big Bear.
 - Saptarishi forms part of the constellation Ursa Major.
 - Asteroids Belt lies between orbits of Mars and Earth.
 - The largest asteroid is Ceres.
- How many of the statements given above are correct?
- (a) 1 and 2 only (b) 2 and 3 only
(c) 3 and 4 only (d) 1, 2 and 4 only
(e) Question not attempted

Ans.(d): Big Bear constellation is also known as Ursa Major and Saptarishi forms a part of constellation Big Bear. Thus statements 1 and 2 are correct. Asteroids Belts lies between orbits of Mars and Jupiter. Thus statement 3 is incorrect. The largest Asteroids is Ceres thus statement 4 is correct.

21. Match List-I with List-II:

List-I		List-II	
A.	Shipki Lake	i.	Kashmir
B.	Lipu Lake	ii.	Himachal Pradesh
C.	Jelep La	iii.	Uttarakhand
D.	Burzi La	iv.	Sikkim

Choose the correct answer from the options given below:

- (a) A-iii, B-ii, C-iv, D-i (b) A-ii, B-iii, C-iv, D-i
(c) A-iii, B-ii, C-i, D-iv (d) A-iii, B-i, C-ii, D-iv
(e) Question not attempted

Ans. (b): The correct match is as follows-

List-I	List-II
Shipki La	– Himachal Pradesh
Lipu Lake	– Uttarakhand
Jelep La	– Sikkim
Burzi La pass	– Kashmir

Note:- However, the commission has deleted this question.

22. Match List-I with List-II:

List-I		List-II	
A.	Copper and Nickel	i.	South-Africa
B.	Chromite and platinum	ii.	Ontario
C.	Phosphate	iii.	Caucasus
D.	Limestone	iv.	Algeria

Choose the correct answer from the given below:

- (a) A-ii, B-i, C-iv, D-iii (b) A-i, B-ii, C-iii, D-iv
(c) A-iii, B-iv, C-ii, D-i (d) A-iii, B-i, C-ii, D-iv
(e) Question not attempted

Ans.(a): The correct match is as follows-

List-I	List-II
Copper and Nickel	– Ontario
Chromite and platinum	– South-Africa
Phosphate	– Algeria
Limestone	– Caucasus

23. Match List-I with List-II:

List-I		List-II	
A.	Veld	i.	Brazil
B.	Pampas	ii.	South-Africa
C.	Campos	iii.	North-America
D.	Prairie	iv.	South-America

Choose the correct answer from the options given below:

- (a) A-ii, B-i, C-iv, D-iii (b) A-iii, B-iv, C-i, D-ii
(c) A-iv, B-ii, C-iii, D-i (d) A-ii, B-iv, C-i, D-iii
(e) Question not attempted

Ans.(d): The correct match is as follows:-

Grassland	Region
Veld	– South Africa
Pampas	– South America
Campos	– Brazil
Prairie	– North America

24. Consider the following statement:

Statement-I: The Jet Streams are the strong cores of upper-level westerly winds which follow a meandering path.

Statement-II: The term 'Jet stream' was first applied to high velocity upper-level winds during World War-II

How many of the statements given above are correct?

- (a) Statement-I statements given above are correct?
 (b) Statement-I is correct but Statement-II is incorrect.
 (c) Statements-I is incorrect but Statement-II is correct
 (d) Statement-I and statement-II both are incorrect.
 (e) Question not attempted

Ans.(a): Jet Streams are the strong cores of upper level westerly winds which follow a meandering path. The term "Jet stream" was first applied to high velocity upper level winds during world-war-II. Hence both statement-I & II are correct.

25. Match List-I with List-II:

List-I		List-II	
A.	Mountain Breeze	i.	Sahara Desert
B.	Chinook	ii.	Katabatic
C.	Simoom	iii.	Snow Eater
D.	Sirocco	iv.	Asiatic and African Desert

Choose the correct answer from the options given below:

- (a) A-iii, B-ii, C-iv, D-i (b) A-ii, B-iii, C-iv, D-i
 (c) A-iii, B-i, C-ii, D-iv (d) A-iv, B-i, C-iii, D-ii
 (e) Question not attempted

Ans.(b): The correct match is as follows-

List-I	List-II
Mountain Breeze	- Katabatic
Chinook	- Snow eater
Simoom	- Asiatic and African desert
Sirocco	- Sahara desert

26. Match List-I with List-II:

List-I		List-II	
A.	Angel Falls	i.	Venezuela
B.	Yosemite Falls	ii.	California
C.	Niagra Falls	iii.	South Africa
D.	Victoria Falls	iv.	USA and Canada

Choose the correct answer from options given below:

- (a) A-i, B-ii, C-iv, D-iii (b) A-ii, B-i, C-iii, D-iv
 (c) A-iii, B-iv, C-ii, D-i (d) A-iv, B-iii, C-i, D-ii
 (e) Question not attempted

Ans.(a): The correct match is as follows:-

List-I	List-II
Angel falls	- Venezuela
Yosemite falls	- California
Niagra falls	- U.S.A and Canada
Nictoria falls	- South Africa

27. Match List-I with List-II

List-I		List-II	
A.	Bird Foot Delta	i.	Mackenzie
B.	Estuarine Delta	ii.	Mississippi
C.	Triple Delta	iii.	Mahanadi delta
D.	Arcuate Delta	iv.	Nile Delta

Choose the correct answer from the options given below:

- (a) A-i, B-ii, C-iv, D-iii (b) A-ii, B-i, C-iii, D-iv
 (c) A-iii, B-iv, C-i, D-ii (d) A-iv, B-iii, C-ii, D-i
 (e) Question not attempted

Ans.(b): The correct match is as follows:-

List-I	List-II
Bird foot delta	- Mississippi
Estuarine delta	- Mackenzie
Triple Delta	- Mahanadi Delta
Arcuate delta	- Nile Delta

28. Consider the following statements:

Statement I: The ancient Buddha (Bauddh) Stupa is situated on the west side of Brahmasarovar.

Statement II: The mound is spread over an area of approx three acres. The height of the mound is about 4m from the surrounding ground level.

In the light of the above statement, choose the correct answer from the options given below:

- (a) Both Statement-I and statement-II are correct and statement-II is the correct explanation for Statement-I.
 (b) Both Statement-I and Statement-II are correct but Statement-II is not the correct explanation for Statement-I
 (c) Statement-I is correct but Statement-II is incorrect.
 (d) Statement-I is incorrect but Statement-II is correct.
 (e) Question not attempted

Ans.(b): The ancient Buddha Stupa is situated on the west side of Brahmasarovar in the Kurukshetra districts of Haryana. The mound of this Stupa is spread over an area of approx three acres. The height of the mound is about 4 meter above from the surrounding ground level.

29. Consider the following pairs:

1. Aram-i Kausar : Narnaul
2. Tomb of Sheikh Tayyab:Kaithal
3. Bhai ki Baoli : Meham (Rohtak)

How many of the above pairs are correctly matched?

- (a) Only one pair (b) Only two pairs
 (c) All there pairs (d) None of the pairs
 (e) Question not attempted

Ans.(b): The correct match is as follows-

Aram-i-Kausar	:	Located at Narnaul
Tomb of Sheikh Toyyab	:	Located at Kaithal
Bhai Ki Baoli	:	Located at Kaithal

Hence pairs I & II are correct.

30. Consider the following statement about Bhumia or Khera:

- I. It is the god of the homestead or the village.
- II. Bhumia is worshipped at the time of marriage.
- III. First milk or cow or buffalo is always offered to Bhumia.

How many of the statements given above is/are correct?

- (a) Only one statement is correct.
 (b) Only two statements are correct.
 (c) All three statements are correct.
 (d) None of the statements is correct.
 (e) Question not attempted

Ans.(c): Bhumia Khera is the god! of the homestead or the village. The temple of god! Bhumia is present at every village of Haryana. The God! Bhumia is worshipped at the time of marriage. The first milk of cow or buffalo is always offered to Bhumia. Hence all three statements are correct.

31. Match List-I and List-II:

List-I		List-II	
A.	Ghethi	i.	Milking animal
B.	Laggar	ii.	Outer house
C.	Basan	iii.	Neck
D.	Nohra	iv.	Pitcher

Select the correct option from the following given options:

- (a) A-i, B-ii, C-iii, D-iv (b) A-iii, B-i, C-iv, D-ii
 (c) A-iv, B-i, C-iii, D-ii (d) A-ii, B-iii, C-iv, D-i
 (e) Question not attempted

Ans.(b): The correct match is as follows-

List-I	List-II
Ghethi	- Neck
Laggar	- Milking animal
Basan	- Pitcher
Nohra	- Outer house

32. Consider the following statements:
1. The fines and the best preserved Baoli in Haryana is in Meham.
2. The coin moulds of the later Youdheyas of the third-fourth centuries A.D. have been found in large number from Rohtak.
3. An image of Kartikeya sitting in lalitasana on a peacock has been discovered from Khokrakot.
How many of the statement given above is/are correct?
 (a) Only one statement is correct.
 (b) Only two statement are correct.
 (c) All three statement are correct.
 (d) None of the statement is correct.
 (e) Question not attempted

Ans.(c): Shahjahan Ki Baoli which is popularly known as Choron ki Baoli. This baoli is the finest and best such monument preserved in Haryana.
 The coin moulds of later Youdheyas of the 3rd to 4th century A.D have been found in large number from Khokhrakot located at Rohtak district of Haryana. An image of Kartikeya sitting in Lalitasana on a peacock has also discovered from Khokhrakot, at Rohtak district of Haryana.
 Hence, all three statements are correct.

33. Consider the following statements:
Arrange the following intangible cultural heritages in order of their year of induction into the UNESCO heritage list (Oldest to Newest):
1. Kalbelia **2. Buddhist Chanting**
3. Ramlila **4. Kumbh Mela**
5. Nowrouz
Choose the correct options from following:
 (a) 3, 1, 2, 5, 4 (b) 1, 3, 2, 5, 4
 (c) 3, 4, 5, 2, 1 (d) 2, 1, 3, 4, 5
 (e) Question not attempted

Ans.(a): The correct chronology of intangible cultural heritages in order of their year of induction into the UNESCO heritage list (oldest to newest) is as:-

Heritage	Year of inclusion
1. Ramlila	2008
2. Kalbelia	2010
3. Buddhist Chanting	2012
4. Nowrouz	2016
5. Kumbh Mela	2017

34. Consider the following statements:
Statement I : A raga is associated with a specific mood, time of the day and season. For every rage there are six female consorts called raginis.
Statement II: Ragamala paintings are pictorial interpretations of ragas and raginis.
How many of the statement given are correct?
 (a) Both Statement I and Statement II are correct.
 (b) Both Statement I and Statement II are incorrect
 (c) Statement I is correct but Statement II is incorrect.
 (d) Statement I is incorrect but Statement II is correct.
 (e) Question not attempted

Ans.(a): Raga is a collection of pitches. The Ragas are associated with the time of the day and season.
 e.g. Raga Bhairav – (dawn); Raga Hindol (Spring, morning) Raga Megh (Monsoon), Raga shri (dusk) Raga Deepak (evening) and Raga Malkauns (Late night and some say winter).
 For every ragas there are six female consorts called Raginis.

The Ragamala painting are pictorial interpretations of Raga and Raginis.
 Hence both statements are correct.

35. Consider the following statements:
1. Aditya-L1, a space observatory with 9 payloads study the Sun.
2. The VELC will take image the Sun's atmosphere, the Corona at high resolution and time cadence.
3. Aditya-L1 carries an ultraviolet imager, 3 X-ray spectrometer and four in -situ instruments to measure plasma parameters.
How many of the statement given above are correct?
 (a) Only one statement are correct
 (b) Only two statement are correct.
 (c) All three statements are correct.
 (d) None of the statement is correct.
 (e) Question not attempted

Ans.(a): Aditya L-1, a space observatory with 7 payloads (not 9 payloads) to study the sun.
 Hence statement-1 is not correct
 The VELC will take image of the sun's atmosphere, the corona at high resolution and time cadence.
 Hence statement-2 is correct.
 Aditya L-1 carries total 7 payloads out of which 4 observe the light from the sun and remaining three are to measure insitu parameters of the plasma and magnetic field.
 Hence statement-3 is also not correct.

36. Consider the following pairs:
1. CREST : Hosakote
2. Solar Observatory : Kodaikanal
3. Radio Observatory : Gauribidanur
How many of the above pairs are correctly matched?
 (a) Only one pair (b) Only two pairs
 (c) All three pair (d) None of the pairs
 (e) Question not attempted

Ans.(c): The correct match is as follows-

Institution	Location
CREST- (Center for research and education in science and Technology)	Hosakote
Solar observatory	: Kodaikanal
Radio observatory	: Gauribidanur

Hence all three pairs are correctly matched.

37. Consider the following pairs:
1. Intelligent Waterbody Management Project : Tamara
2. AMRUT 2.0 : Preserving surface and ground water bodies
3. PLASHABOT : Diffuser Aerators for bottom of water bodies/PLASHABOT
How many of the above pairs are correctly matched?
 (a) Only one pair (b) Only two pairs
 (c) All three pairs (d) None of the pairs
 (e) Question not attempted

Ans.(b): The correct match is as follows:-

TAMARA	– Intelligent water body management project
AMRUT 2.0	– Preserving surface and ground water bodies
PLASHABOT	– Smart weed Harvester system

Hence Pairs 1 & 2 correctly matched while pair -3 is not correctly matched.

38. Consider the following pairs:

1. Advika : Chickpea.
2. Panchamrit : India's climate Action plan
3. Mission Life: Life Style in harmony with ecological well-being

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None of the pairs
- (e) Question not attempted

Ans.(c): Advika is drought resilient variety of chickpea. Hence pair-1 is correct. Panchamrit plan is related to India's climate action. Hence pair-2 is also correct

Mission life - (Life style for environment) It is an India-led global mass movement to nudge individual and community action to protect and preserve the environment. Hence pair-3 is also correct.

39. Consider the following pairs:

1. BHART : Agri Infra Fund
2. Longpi pottery : Chhattisgarh
3. Sulur Bamboo Wind Flute : Manipur

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None of the pairs
- (e) Question not attempted

Ans.(a): BHARAT Campaign (Banks Heralding Accelerated Rural & Agriculture Transformation) has been launched by the Government under Agriculture Infrastructure fund scheme to provide maximum benefits to the people.

Longpi Pottery is related to Manipur (not Chhattisgarh) Sulur Bamboo wind flute is related to Chhattisgarh (not Manipur)

Hence only pair-1 is correct.

40. Consider the following statement relating to free coaching scheme under the umbrella scheme 'SHREYAS':

1. It provides coaching of good quality for economically disadvantaged SCs OBCs and Minorities.
2. The ceiling of total family income under the scheme is Rs 8 Lakhs per annum.
3. The ratio of SC and OBC students is 70:30 and 30 percent seats are reserved for females in each category.
4. The ratio of SCs, OBCs and minority students have been fixed at 50:30: 20.

How many of the statement given above are correct?

- (a) 1, 2 and 3 only
- (b) 1, 2 and 4 only
- (c) 2 and 3 only
- (d) 2 and 4 only
- (e) Question not attempted

Ans.(c): SHREYAS (Scholarships for higher Education for young Achievers) Scheme is an Umbrella scheme which comprises 4 central sector sub-schemes namely "Top class education for Scheduled Castes and OBCs. National overseas scheme for SCs and National fellowship for SCs. The objective of scheme is to provide coaching of good quality for economically disadvantages Scheduled Castes (SCs) and other backward classes (OBCs) candidate to enable them appear in competitive and entrance examinations for obtaining appropriate job in public and private sector as well as securing admission in reputed technical and professional higher education institutions. The ceiling of the total family income under the scheme is 8 lakhs per annum. 3500 slots are allotted per annum. The ratio

of SC : OBC student is 70: 30 and 30% slots are reserved for females in each category.

The scheme is not related to minorities Hence statements - 1 & 4 are incorrect while statements 2 & 3 are correct.

41. Consider the following statement relating to Pradhan Mantri Jan Dhan Yojna (PMJDY). It is intended to-

1. Provide access to financial and social services at an affordable cost.
2. Use of technology to lower cost and wider reach.
3. Opening of basic saving bank deposit account in camp mode with minimum balance of Rs. 500 and zero charges.
4. Issuance of Indigenous Debit Card.

How many of the statement given above are correct?

- (a) 1 and 3 only
- (b) 1 and 4 only
- (c) 2 and 4 only
- (d) 1, 2, 3 and 4
- (e) Question not attempted

Ans.(c): Pradhan Mantri Jan Dhan Yojana (PMJDY) is a national mission for financial inclusion launched in August 2014.

Objectives of PMJDY-

- Ensure access of financial products and service at an affordable cost and use of technology to lower cost and widen reach.
- The opening of basic saving bank deposit (BSBD) account with minimal paper work; relaxed KYC, e-KYC, account opening in camp mode, zero balance zero charges.
- Issuance of indigenous debit cards.

42. Considered the following statements:

1. Samudra Gupta's 'Vyagrashaili' posture reveal his conquest of the West.
2. The coins of the Ashoka era give us information about his 'governance system'.
3. On one of the seals of Satavahana king Shatakarni, a picture of a 'ship' is engraved, which is a symbol of his victory over the sea.
4. Information about Ashvamedha Yagya is found in the coins of Kumargupta's Ashvamedha style'.

How many of the statement given above are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 3 and 4 only
- (d) 1, 2 and 4 only
- (e) Question not attempted

Ans.(c): Samudra Gupta's 'Tiger Slayer's type coin depicts his hunting love and victory over Ganges valley (not conquest of the west). Hence statement-1 is incorrect. The governance system during Ashoka's period is depicted by rock edicts and pillar inscription (not by coins) Hence statement-2 is also incorrect. On one of the seals of Satvahana king Shatakarni, a picture of ship is engraved which indicates his victory over sea. Hence statement-3 is correct.

Information above Ashvamedha Yagya is found in the coins of Kumaragupta's Ashavamedha Style. Hence statement -4 is also correct.

43. Match List-I with List-II:

List-I		List-II	
A.	Abul Hasan al Hujwiri	i.	Munis Al Akhaah
B.	Kuli Khan	ii.	Fawaaid Al Fuad
C.	Jahanara	iii.	Kashf-ul- Mahjub
D.	Ameer Hassan Sijji Dehlavi	iv.	Murkka-E Delhi

Choose the correct answer from the options given below:

- (a) A-ii, B-iii, C-iv, D-i (b) A-iv, B-i, C-iii, D-ii
(c) A-ii, B-iii, C-i, D-iv (d) A-iii, B-iv, C-i, D-ii
(e) Question not attempted

Ans.(d): The correct match is as follows–

List-I	List-II
Abul Hasan al Hujwiri	Kashf ul Mahjub
Kuli Khan	Murkka-E Delhi
Jahanara	Munis Al Akhaah
Ameer Hassan Sijji Dehlavi	Fawaid Al Fuad

44. Match List-I with List-II:

List-I		List-II	
A.	Dimun	i.	Sindh Area
B.	Makan	ii.	Mesopotamina Port
C.	Meluha	iii.	Bahrain Island
D.	Ur	iv.	Makran Coast (Balochistan)

Choose the correct answer from the options given below:

- (a) A-ii, B-iii, C-iv, D-i (b) A-iv, B-i, C-iii, D-ii
(c) A-ii, B-iii, C-i, D-iv (d) A-iii, B-iv, C-i, D-ii
(e) Question not attempted

Ans.(d): The correct match is as follows:–

List-I	List-II
Dimun	Bahrain Island
Makan	Makran Coast (Balochistan)
Meluha	Sindh Area
Ur	Mesopotamian Port

45. Match List-I with List-II:

List-I		List-II	
A.	Nishad	i.	Karawar
B.	Charmakar	ii.	Mehtar
C.	Mchhuaaro	iii.	Kaiwart
D.	Pukkus or Paulkus	iv.	Aakhetak

Choose the correct answer from the options given below:

- (a) A-ii, B-iii, C-iv, D-i (b) A-iv, B-i, C-iii, D-ii
(c) A-ii, B-iii, C-i, D-iv (d) A-i, B-iv, C-iii, D-ii
(e) Question not attempted

Ans.(b): The correct match is as follows:–

List-I	List-II
Nishad	Aakhetak
Charmakar	Karawar
Mchhuaaro	Kaiwart
Pukus or Paulkus	Mehtar

46. Match List-I with List-II

List-I		List-II	
A.	Jogalthambi	i.	Nashik (Maharashtra)
B.	Devbarnak	ii.	Bijapur (Karnataka)
C.	Devarashtra	iii.	Vishakhapatnam (Andhra Pradesh)
D.	Pattadakal	iv.	Shahabad (Bihar)

Choose the correct answer from the option given below:

- (a) A-ii, B-iii, C-iv, D-i (b) A-iv, B-i, C-iii, D-ii
(c) A-ii, B-iii, C-i, D-iv (d) A-i, B-iv, C-iii, D-ii
(e) Question not attempted

Ans.(d): The correct match is as follows:–

List-I	List-II
Jogalthambi	Nashik (Maharashtra)
Devbarnak	Shahabad (Bihar)
Devarashtra	Vishakhapatnam (Andhra Pradesh)
Pattadakal	Bijapur (Karnataka)

47. Given below are two statements:

Statement I: The Virupaksha temple was built in the sixteenth century.

Statement II: The pavilion in front of the Virupaksha temple was built during the time of Krishnadev Rai.

In the light of the above statement, choose the correct answer from the options given below

- (a) Both Statement I and Statement II are true.
(b) Both Statement I and Statement II are false.
(c) Statement I is correct but Statement II is false.
(d) Statement I is incorrect but Statement II is true
(e) Question not attempted

Ans.(d): Virupaksha temple, devoted to Lord Shiva was built during 7th century A D (not 17th century A D). It is a UNESCO heritage site, located at Hampi, Karnataka. The north Gopuram of temple was built during Sangam dynasty in 15th Century and a Mandapam (Pavilion) in front of temple was built during Tuluva ruler Krishnadeva Rai. Hence Statement-1 is incorrect. While statement-2 is correct.

48. Given below are two statements:

Statement I : Bhakti saint Shankardev addressed 'Vaishnav Dharma's as ' Bhagwati Dharma'.

Statement II: Shankardev's main composition is Kirtanaghosh.

In the light of the above statements, choose the correct answer from the options given below:

- (a) Both Statement I and Statement II are true.
(b) Both Statement I and Statement II are false
(c) Statement I is correct but Statement II is false.
(d) Statement I is incorrect but Statement II is true.
(e) Question not attempted

Ans.(a): At the late 15th century, Shankardeva emerged as leading proponent of Vaishnavism his teaching are known as Bhagvati Dharma. His main composition is Kirtanaghosh. Hence, both statements are correct.

49. Consider the following statement:

- The Puranas call the Satvahanas 'Andhrabhritya' and Andhrajatya'.
- The history of Satvahanas is especially found in Vishnu and Bhagwat Purana.
- Names of more than a hundred kings of Satvahanas are found in the Puranas.

How many of the statement given are correct?

- (a) Only one statement correct.
(b) Only two statements are correct.
(c) All three statements are correct.
(d) None of the statement is correct.
(e) Question not attempted

Ans.(a): The history of Satvahanas is especially found in Matsya and Vayu Purana. In Purana, the Satvahanas are called Andhrabhritya and Andhrabhritya. In Purana total 30 kings of Satvahanas are found. Hence only statement-1 is correct.

50. Consider the following statements:

- Kabir Granthawali is related to Dadupanthies of Rajasthan.
- Meera's teacher Raidas was weaver.

3. **Malik Mohammad Jayasi promoted the establishment prayer halls like Namghar.**

How many of the statement is correct.

- (a) Only one statement is correct
- (b) Only two statements are correct
- (c) All three statements are correct.
- (d) None of the statement is correct.
- (e) Question not attempted

Ans.(a): Kabir Granthawali is related to Dadupanthis of Rajasthan. Meera bai's teacher was Raidas who was a cobbler (not weaver). Namghar, a prayer halls in Assam was promoted by Shankardeva (not malik Mohammad Jayasi).

Hence only statement-1 is correct.

51. **Consider the following statement:**

1. The selection of the Vijayanagara site was inspired by the existence of the Virupaksha temple.

2. Vijayanagara was established near the Pampadevi temple

3. 'Shri Pampay Namah' inscription has been found on the Vijayanagara coins.

How many of the statement given above are correct?

- (a) Only one statement is correct
- (b) Only two statements are correct.
- (c) All three statements are correct.
- (d) None of the statement correct.
- (e) Question not attempted

Ans.(b): The selection of the Vijaynagar site was inspired by the existence of Virupaksha and Pampadevi temple.

'Sri Neelakanda' inscription has been found on the Vijayanagara coins.

Hence only statements 1 & 2 are correct.

52. **Consider the following pairs:**

1. Pratihara King Bhoj : Gwalior Inscription

2. Satavahana King Pulumavi : Nasik Inscription

3. Hun King Toraman: Eran Varaha Inscription

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None of the pairs
- (e) Question not attempted

Ans.(c): The correct match of ruler and their respective inscription are as follows:-

Pratihara king Bhoj – Gwalior inscription

Satavahana king Pulumavi – Nasik inscription

Hun king Toraman – Eran Varaha Inscription.

53. **Consider the following pairs:**

1. **Mulfuzat:** conversation of Sufi Saints

2. **Maktubat:** Recollection of biographies of Sufi saints

3. **Tazkiras:** Compilation of written letters

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All the pairs
- (d) None of the pairs
- (e) Question not attempted

Ans.(a): The correct match is as follows:-

Mulfuzat – Conversation of Sufi saints

Maktubat – Compilation of written letters

Tazkiras – Recollection of biographies of Sufi saints

Hence only pair-1 is correctly match.

54. **Consider the following pairs:**

1. **Dar-ul Adal** : Place of Justice

2. **Balahar** : Low class agricultural labourer

3. **Malikut-Tujjar** : Chief of traders

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None of the pairs
- (e) Question not attempted

Ans.(c): The correct match is as follows:-

Dar-ul-Adal – Place of justice

Balahar – Low class agricultural labourer

Malikut– Tujjar – Chief of traders

Hence, all pairs are correctly matched.

55. **Consider the following pairs:**

1. **Leader of the revolution in 1857 in Ahirwal (Haryana)** : Rao Tularam

2. **Leader of the revolution in 1857 in Faridabad (Haryana)** : Dhanu Singh

3. **Leader of the revolution in Hansi (Haryana) in 1857** : Iman Ali Qalander

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pair
- (c) All three pairs
- (d) None of the pairs
- (e) Question not attempted

Ans.(b): The correct match is as follows :-

Place of 1857 Revolution in Haryana	Leader
Ahirwal	Rao Tularan
Faridabad	Dhanu Singh
Hansi	Hukum Chand
Panipat	Imam Ali Qalander

Hence only pairs 1 & 2 are correct.

56. **Consider the following statements:**

1. **In 1676, Shivaji crowned himself formally at Rajgarh.**

2. **The Karnataka expedition was the last major expedition of Shivaji.**

3. **In 1678, Shivaji campaigned against Karnakata and forced Qutb Shah to pay a subsidy of one lakh huns.**

How many of the statement given above are correct?

- (a) Only one statement is correct
- (b) Only two statements are correct.
- (c) All three statements are correct.
- (d) None of the statements is correct.
- (e) Question not attempted

Ans.(a): Shivaji crowned himself formally at Rajgarh in 1674 (not in 1676). Hence statement-1 is incorrect.

The Karnataka expedition was the last major expedition of Shivaji. Hence statement-2 is correct.

Shivaji campaigned against Karnataka and forced Qutub Shah to pay a subsidy of one lakh huns in 1677 (not in 1678) Hence statement-3 is incorrect.

57. **Consider the following pairs:**

1. **Nuh Sipihr** : Amir Khusrau

2. **Riyazul Insha** : Mahmud Gawan

3. **Burhan-i-Ma'asir** : Rafiuddin Shirazi

How many of the above pairs are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) All three pairs
- (d) None of the pairs
- (e) Question not attempted

Ans.(b): The correct match of books to their respective writers are as:-

Nuh Sipihr	–	Amir Khusrau
iyazul Insha	–	Mahmud Gawan
Burhan-i-Ma'asir	–	Syed Ali Tabataba

Hence only pairs 1 & 2 are correctly matched.

58. Consider the following pairs:
 1. Basawan : Akbar
 2. Mir Saiyid Ali : Humayun
 3. Daswant : Jahangir
 How many of the above pairs are correctly matched?
 (a) Only one pair (b) Only two pairs
 (c) All three pairs (d) None of the pairs
 (e) Question not attempted

Ans.(b): Daswant and Basawan was famous painters in the court of Akbar and Mir Syed Ali was belong to the courts of Humayan and Akbar both. Hence pairs 1 & 2 are correctly matched.

59. Consider the following pairs:
 1. Rani Durgawat : Gondwana
 2. Chand Bibi : Ahmadnagar
 3. Zuhra : Muhammad Shah
 How many of the above pairs are correctly matched?
 (a) Only one pair (b) Only two pairs
 (c) All three pairs (d) None of the pairs
 (e) Question not attempted

Ans.(c): The correct match is as follows:-
 Rani Durgawati – Active in Gondwana
 Chand Bibi – Active in Ahmadnagar
 Zuhara Begum – Active during Muhammad Shah reign.
 Hence, all pairs are correctly matched.

60. Consider the following pairs:
 1. Amir-i-Dad : Law officer who carried out the decisions of the judges
 2. Turkan-i-Chahalgani : A group of forty
 3. Barid-i-mamalik : Head of the information and intelligence department
 How many of the above pairs are correctly matched?
 (a) Only one pair (b) Only two pair
 (c) All three pairs (d) None of the pairs
 (e) Question not attempted

Ans.(c): The correct match is as follows:-
Department
 Amir-i-Dad – Law officer who carried out decisions of the judges.
 Turkan-i- Chahalgani – A group of forty
 Barid-i-mamalik – Head of the information and intelligence department
 Hence all pairs are correctly matched.

61. Consider the following pairs:
 1. Sur Das : Sur Sagar
 2. Shankardeva : Kirtan Ghosh
 3. Sant Tukaram : Abhangas
 How many of the above pairs are correctly matched?
 (a) Only one pair (b) Only two pairs
 (c) All three pairs (d) None of the pairs
 (e) Question not attempted

Ans.(c): The correct match is as followed-
Writers Composition
 Surdas Sursagar
 Shankardeva Kirtan Ghosh
 Saint Tukaram Abhangas
 Hence all pairs are correctly matched.

62. Consider the following statement:
 1. Guru Gobind Singh, the 10th guru of the Sikhs composed his verses mainly in Hindi (Braj Bhasha).

2. The play Niladarpan was written by Dinabandhu Mitra.
 3. Anand Math contained the famous nationalist song 'Vande Mataram'.
 How many of the statement given above are correct?
 (a) Only one statement is correct.
 (b) Only two statements are correct.
 (c) All three statements are correct.
 (d) None of the statement is correct.
 (e) Question not attempted

Ans.(c): Guru Gobind Singh, the 10th Guru of the Shikhs composed his versus mainly in Hindi (Braj Bhasha), the collection of his poetic composition is known by the name 'Dasam Granth'. The play Niladarpan was written by Deenbandhu Mitra which was essential to the Indigo Revolt in Bengal in 1859. Vande Mataram, National song of India is taken form Anand Math.
 Hence all statement are correct.

63. Consider the following statements:
 1. James Mill was highly critical of Indian religion and culture.
 2. William Bentinck announced in 1835, that persian was abolished as the court language and was substituted by English.
 3. Wood's Despatch led to the establishment university at Calcutta, Bombay and Delhi.
 How many of the statement is given above are correct?
 (a) Only one statement is correct.
 (b) Only two statements are correct.
 (c) All three statements are correct.
 (d) None of the statement is correct.
 (e) Question not attempted

Ans.(b): James Mill was highly critical of Indian religion and culture. James Mills felt that European culture, arts and law were necessary to uplift the downtrodden Indians.
 In 1835 William Bentinck abolished Persian as language of courts and it was substituted by English.
 Wood's Dispatch led to establishment of Universities in Bombay, Madras and Calcutta (not in Delhi).
 Hence, Statement -1 & 2 are correct while statement -3 is incorrect.

64. Consider the following statements:
 1. The Indian National Army had fighting brigades in the name of Gandhi, Azad, and Subhash.
 2. The slogans of the Indian National Army were 'Jai Hind' and 'Delhi Chalo'.
 3. Rash Behari Bose was not associated with the Indian National Army.
 How many of the statement given above are correct?
 (a) Only one statement is correct.
 (b) Only two statements is correct
 (c) All three statements are correct.
 (d) None of the statement is correct.
 (e) Question not attempted

Ans.(b): The Indian National Army had founded in Singapur in 1942 by captain Mohan Singh. In 1943, Subhash Chandra Bose appointed as captain. He had made fighting brigades with the name of Gandhi, Azad and Subhash. He gave slogans of Indian National Army were Jai Hind and Delhi Chalo. Ras Behari Bose was associated with the Indian National Army. Hence statement-3 is incorrect while statements 1 & 2 are correct.

65. Consider the following statements:
1. The election to the office of the President of India is held in accordance with the system of proportional representation by means of single non-transferable vote.
 2. The value of the vote of each Member of Parliament from Uttar Pradesh is greater than the value of the vote of the MP from Goa.
 3. Electors cannot use the provision of NOTA in election of President.
 4. The provisions of Anti-defection law are not applicable in Presidential election.

How many of the statement given above are correct?

- (a) 1 and 2 only (b) 2 and 3 only
(c) 3 and 4 only (d) 1, 2 and 4 only
(e) Question not attempted

Ans.(c): The election to the office of the President of India is held in accordance with the system of proportional representation by means of single transferable vote. Hence statement-1 is not correct. The value of vote of each member of Parliament of every state is equal. Hence statement-2 is also not correct. In presidential election, NOTA cannot be used. Hence statement-3 is correct. The Provision of anti-defection law are not applicable in presidential election. Hence statement-4 is also correct.

66. Consider the following statements:

1. The writ, Mandamus can be issued against both Public Authorities and Private Individuals.
2. Mandamus can be issued to enforce a contractual obligation.
3. Mandamus cannot be issued against the Governor of a State.
4. Mandamus can be issued against a state of refund the tax collected unlawfully.

How many of the statements given above are correct?

- (a) Only one statement (b) Two statements
(c) Three statements (d) All four statements
(e) Question not attempted

Ans.(b): The writ Mandamus means "we commend". It is a command issued by the court to a public official asking him to perform his official duties that he has failed or refused to perform. It can also be issued against any public body, a corporation, an interior court, tribunal or government for the same purpose.

The writ mandamus can't be issued—

- (a) Against a private individual or body.
(b) To enforce departmental instruction that does not possess statutory force.
(c) When the duty is discretionary and not mandatory.
(d) To enforce a contractual obligation.
(e) Against the President of India or Governor of the state.
(f) Against the chief justice of a high court acting in judicial capacity.

Hence, statement 1 & 2 are incorrect while statement 3 & 4 are correct.

67. Consider the following statements:

1. In order to form a new state in the Indian Union, the Parliament can amend the provisions of the Constitution with a Simple Majority.
2. To amend the provisions of Directive Principle of State Policy, the Parliament requires a Special Majority.

3. To amend Article 368 of the Constitution, the Parliament requires Special Majority along with the consent of half of the state legislatures.

How many of the statement given above are correct.

- (a) Only one statement is correct.
(b) Only two statements are correct.
(c) All three statements are correct.
(d) None of the statements is correct.
(e) Question not attempted

Ans.(c): The amendment provisions and required majority is as follows:—

Amendment Provisions	Majority
To form a new state in the Indian Union	Simple
Amending in provisions of directive principles of state policy	Special
To amend Article 368 of the constitution	Special majority with the consent of half of state legislature.

68. Consider the following pairs:

1. Establishment of standard of weight and measures : Union List

2. Adoption and succession : State List

3. Betting and gambling : Concurrent List

How many of the following pairs are correct?

- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs
(e) Question not attempted

Ans.(a): The subjects with their respective List are as follows:—

Subject	List
Establishment of standard of weight and measures	Union
Adoption and succession	Concurrent
Betting and Gambling	State

Hence only pair-1 is correctly matched.

69. Consider the following statements:

1. Residuary subjects are the subjects that are not included in the three lists of the 7th schedule of the Constitution.

2. According to Article 248, both the union Parliament and state legislature can make laws on these subjects.

3. Space technology is an example of a residuary subject.

How many of the statement given above are correct?

- (a) Only one statement is correct.
(b) Only two statements are correct.
(c) All three statements are correct.
(d) None of the statement is correct.
(e) Question not attempted

Ans.(b): Residuary subjects are the subjects that are not included in the three list of 7th schedule.

Article 248 of Indian constitution deals with the residuary powers of legislation which states that only parliament has exclusive power to make law with respect to residuary subjects e.g. space Technology Hence, only statement 2 & 3 are correct.

70. Match List-I with List-II in reference to Constitution of India:

List-I		List-II	
A.	Article 263	i.	Finance commission
B.	Article 226	ii.	High Court
C.	Article 239	iii.	Inter-state Council
D.	Article 280	iv.	Union Territory

Choose the correct answer from the options given below:

- (a) A-iii, B-ii, C-iv, D-i (b) A-i, B-ii, C-iii, D-iv
(c) A-ii, B-i, C-iii, D-iv (d) A-iv, B-ii, C-iii, D-i
(e) Question not attempted

Ans.(a): The correct match is as follows:-

Article	Provision
Article-263	Inter-state council
Article-226	High court
Article-239	Union Territory
Article-280	Finance commission

71. Match List-I with List-II:

List-I		List-II	
A.	Second Schedule of Indian Constitution	i.	Administration of Schedule Areas
B.	Fifth Schedule of Indian Constitution	ii.	Comptroller & Auditor General
C.	Ninth Schedule of Indian Constitution	iii.	Anti-defection laws
D.	Tenth Schedule of Indian Constitution	iv.	Land Reform Laws

Choose the correct answer from the options given below:

- (a) A-iii, B-i, C-iv, D-ii (b) A-i, B-ii, C-iii, D-iv
(c) A-ii, B-i, C-iv, D-iii (d) A-iv, B-iii, C-ii, D-i
(e) Question not attempted

Ans.(c): The correct match is as follows:-

Schedule of Indian constitution	Provision
Second	Comptroller and Auditor General
Fifth	Administration of schedule area
Ninth	Land reform law.
Tenth	Anti defection law.

72. Match List-I with List-II:

List-I		List-II	
A.	Operation Ganga	i.	Ukraine Evacuation Mission
B.	Operation Cactus	ii.	Relief and rescue in Nepal
C.	Operation Maitri	iii.	Neutralizing attempted Coup in Maldives
D.	Operation Kaveri	iv.	Sudan Evacuation Mission

Choose the correct answer from the options given below

- (a) A-i, B-ii, C-iii, D-iv
(b) A-i, B-iii, C-ii, D-iv
(c) A-ii, B-i, C-iv, D-iii
(d) A-iv, B-iii, C-ii, D-i
(e) Question not attempted

Ans.(b): The correct match is as follows:-

List-I	List-II
Operation Ganga	Ukraine Evacuation.
Operation Cactus	Neutralizing attempted coup in Maldives.
Operation Maitri	Relief and rescue in Nepal.
Operation Kaveri	Sudan evacuation mission.

73. Consider the following statements:

- Public Interest Litigation is a action initiated in a court of law for the enforcement of public interest.
- PIL has reinforced the principle of locus standi.
- Both citizens and organizations can file a PIL.
- Supreme Court under Article 32 and High Courts under Article 226 of the Constitution of India can entertain PILs.

How many of the statement given above are correct?

- (a) 1 and 2 only (b) 2 and 3 only
(c) 3 and 4 only (d) 1, 3 and 4 only
(e) Question not attempted

Ans.(d): The supreme court has defined the PIL as a legal action initiated in court of law for the enforcement of public interest or general interest in which the public or class of the community have pecuniary interest or same interest by which their legal rights or liabilities are affected. PIL in India has relaxed (not reinforced) the principle of 'Locus Standi' which says only that person whose rights are infringed alone can move to the court for remedies. Under the PIL any public spirited citizen or social organisation can move the court for the enforcement of the rights of any person or group of persons who are socially or economically disadvantaged. The supreme court under Article-32 and high court under Article-226 of Indian constitution can entertain PILs a petition filed by any person in the welfare of the people.
Hence statement 1, 3 & 4 are correct.

74. Consider the following statements:

- Privy purse referred to a specific sum of money that was payable annually to rulers of former princely states that signed the Instrument of Accession.
- The payment of privy purse was a constitutional obligation before 42nd Amendment.
- The abolition of Privy Purse was justified on the ground that it stood against the principle of egalitarianism enshrined in the Constitution.

How many of the statements given above are correct?

- (a) Only one statement is correct.
(b) Only two statements are correct.
(c) All three statements are correct.
(d) None of the statements is correct.
(e) Question not attempted

Ans.(b): Privy purse was payment made to the ruling families, erstwhile princely state as part of their agreements to first integrate with India in 1947. The payment of privy purse was a constitutional obligation until the 26th constitution Amendment act 1971 the abolition of privy purse was justified on the ground the principle of equalitarianism.
Hence statements 1 & 3 are correct.

75. Consider the following statements:
1. Parliament can legislate on matters enumerated in the State List if two or more state legislatures pass resolutions requesting the Parliament to enact such laws.
 2. A law so enacted will be equally applicable to all the states, irrespective of whether they passed such a resolution or not.
 3. Such a law can be amended or repealed only by the Parliament.
- How many of the statements given above are correct?
- (a) Only one statement is correct.
 - (b) Only two statements are correct.
 - (c) All three statements are correct.
 - (d) None of the statement is correct.
 - (e) Question not attempted

Ans.(b): The parliament can legislate on matters enumerated in the state list if two or more state legislatures pass resolutions requesting the parliament to enact such laws.
A law so enacted will be applicable to only that states which passed such resolution.
Such law can be amended or repealed only by parliament.
Hence only statements 1 & 3 are correct.

76. Match List-I with List-II:

List-I	List-II
A. 26 th Constitutional Amendment	i. Reservation for EWS
B. 52 nd Constitutional Amendment	ii. Education as fundamental right
C. 86 th Constitutional Amendment	iii. Education as Privy Purse
D. 103 rd Constitutional Amendment	iv. Anti defection law

Choose the correct answer from the options given below:

- (a) A-iii, B-iv, C-ii, D-i
- (b) A-i, B-iii, C-ii, D-iv
- (c) A-ii, B-i, C-iv, D-iii
- (d) A-iv, B-iii, C-ii, D-i
- (e) Question not attempted

Ans.(a): The correct match is as follows:-

List-I	List-II
26 th constitutional Amendment	Abolition of Privy purse.
52 nd Constitutional Amendment	Anti defection law.
86 th Constitutional Amendment	Education as fundamental right
103 rd Constitutional Amendment	Reservation for EWS

77. Consider the following pairs:
1. Consolidated Fund of India : Payment from the fund can be made without Parliamentary appropriation.
 2. Contingency Fund of India : Held by Finance Secretary on behalf of the President of India.
 3. Public Account of India: Executive requires Parliamentary approval to withdraw money from this account.
- How many of the above pairs are correct?
- (a) Only one pair
 - (b) Only two pairs
 - (c) All three pairs
 - (d) None of the pairs
 - (e) Question not attempted

Ans.(a): The correct match is a follows:-
Consolidated Fund of India – Payment from the fund can be made with Parliamentary approval
Contingency Fund of India – Held by Finance Secretary on behalf of the President of India
Public Account of India – To withdraw money without the approval of parliament
Hence only pair-2 is correctly matched.

78. Consider the following pairs:
1. Equal Justice and Free Legal Aid : Article 36 of Constitution
 2. Promotion of Cooperative Societies: Article 43B of Constitution
 3. Participation of Workers in Management of Industries : Article 43A of Constitution.
- How many of the above pairs are correctly matched?
- (a) Only one pair
 - (b) Only two pairs
 - (c) All three pairs
 - (d) None of the pairs
 - (e) Question not attempted

Ans.(b): The correct match is as follows:-
Equal justice and free legal aid – Article 39 (A)
Promotion of cooperative societies – Article 43(B)
Participation of workers in management of industries – Article 43 (A)
Hence pairs 2 and 3 are correct.

79. Consider the following pairs:
1. Right to adequate means of livelihood : Article 39(a) of Constitution
 2. Equal pay for equal work for both the women : Article 39(e) of Constitution
 3. Right to work, education and public assistance : Article 41 of Constitution
- How many of the above pairs are correctly matched?
- (a) Only one pair
 - (b) Only two pairs
 - (c) All three pairs
 - (d) None of the pairs
 - (e) Question not attempted

Ans.(b): The correct match is as follows:-
Right to adequate means of livelihood – Article 39(A)
Equal pay for equal work for both men and women – Article 39 (D)
Right to work, education and public assistance – Article 41
Hence only pairs 1 & 3 are correctly matched.

80. Consider the following pairs:
1. Educational and economic interests of weaker section: Article 45 of the Constitution
 2. Educational and economic interest of SCs & STs : Article 46 of the Constitution
 3. Organization of agriculture and animal husbandry : Article 47 of the Constitution
- How many of the above pairs are correctly matched?
- (a) Only one pairs
 - (b) Only two pairs
 - (c) All three pairs
 - (d) None of the pairs
 - (e) Question not attempted

Ans.(a): The correct match is as follows:-
Education and economic interests of weaker sections – Article -45
Educational and economic interests of SCs & STs – Article -46
Organisation of agriculture and animal husbandry – Article -47
Hence only pairs 2 is correct.

81. Consider the following pairs:
1. The Vice-President of India : Article 62 of Constitution
 2. Election of Vice President : Article 65 of Constitution
 3. Terms of office of President : Article 59 of Constitution
- How many of the above pairs are correctly matched?
- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs
(e) Question not attempted

Ans.(d): The correct match is as follows:-
The vice president of India – Article-63
Election of Vice President – Article-66
Terms of office of President – Article-56
Hence, none of above pairs are correctly matched.

82. Consider the following pairs:
1. Enlargement of Jurisdiction of the Supreme Court : Article 138A of Constitution of India.
 2. Conferment on the Supreme Court of powers to issue certain writs: Article 139A of Constitution of India.
 3. Civil and judicial authority of act in aid of the Supreme Court: Article 144A of Constitution of India.
- How many of the above pairs are correctly matched?
- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs
(e) Question not attempted

Ans.(d): The correct match is as follows:-
Enlargement of Jurisdiction of Supreme Court – Article-138
Conferment on the Supreme Court of powers to issue certain writs – Article-139
Civil and judicial authority to act in aid of the Supreme Court – Article-144
Hence none of above pairs are correctly matched

83. Consider the following pairs:
1. Dengue : Caused by mosquito and spreads through blood
 2. Typhoid : Caused by bacteria and spreads through water
 3. Ringworm : Caused by fungus and through worms
- How many of the above pairs are correctly matched?
- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs
(e) Question not attempted

Ans.(a): The dengue virus is transmitted to humans through the bites of infected female mosquitoes, primarily the Aedes aegypti mosquito. Thus pair 1 is incorrect. Typhoid fever is a life threatening infection caused by bacterium Salmonella typhi. It is usually spread through contaminated food or water. Thus pair 2 is correct.
Ringworm is not a worm. It is a skin infection that's caused by mold like fungi that live on dead tissues of skin. It often spreads by direct, skin to skin contact with an infected person. Thus pair 3 is incorrect.

84. Consider the following statement regarding diabetes:
1. It is caused by the over secretion of insulin by pancreas.
 2. The glucose level increases in the blood.

3. The patient urinates frequently, loses weight and becomes lethargic.
- How many of the statements given above are correct?
- (a) Only one statement is correct.
(b) Only two statements are correct.
(c) All three statements are correct.
(d) None of the statements is correct.
(e) Question not attempted

Ans.(b): Diabetes is caused by deficiency in production of insulin or body's inability in using insulin properly. It is characterized by increase in glucose level in blood. Symptoms of diabetes include:-
• Feeling very thirsty.
• Needing to urinate more often than usual
• Feeling tired.
• Losing weight unintentionally.
Thus two pairs 2 & 3 are correctly matched.

85. Consider the following statements:
- Statement I :** The blood arteries have thick rigid walls.
Statement II : Arteries carry oxygen-rich blood from heart to various body organs under high pressure.
- In the light of the above statement, choose the correct answer from the option given below:
- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
(b) Both Statement-I and Statement-II are correct but Statement-II is not the correct explanation for Statement-I.
(c) Statement-I is correct but Statement-II is incorrect.
(d) Statement-I is incorrect but Statement-II is correct.
(e) Question not attempted

Ans.(d): Arteries carry blood away from the heart, and veins carry blood toward the heart. With the exception of pulmonary blood vessels, arteries carry oxygenated blood and veins carry deoxygenated blood. Arteries have thick elastic walls (not rigid walls) with muscle tissue. Veins have thinner walls and use valves to keep blood flowing.
Thus, statement-1 is correct while statement-2 is correct.

86. Consider the following statements:
- Statement-I :** Hydrogen is considered as a clean automobile fuel for future.
Statement-II : Hydrogen is the most abundant element in the universe.
- In the light of the above statements, choose the correct answer from the options given below:
- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
(b) Both Statement-I and Statement-II are correct but Statement-II is not the correct explanation for Statement-I
(c) Statement-I is incorrect but Statement-II is correct.
(d) Statement-I is incorrect but Statement-II is correct.
(e) Question not attempted

Ans.(b): Hydrogen is considered as a clean automobile fuel for future because it does not pollute the environment after combustion. Hydrogen is the most abundant element in the universe. Hence both the statements are correct but statement-II is not correct explanation for statement-I.

87. Consider the following pairs:

1. **Gunning** : Separation of cotton fibres from seeds
2. **Weaving** : Making yarn from fibres
3. **Polyester** : Melts on catching fire and sticks to the body

How many of the above pairs are correctly matched?

- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs
(e) Question not attempted

Ans.(b): Gunning is the process of separation of cotton fibers from seeds.

Polyester melts on catching fire and sticks to the body. The process of making yarn from the fiber is called as spinning.

Weaving is a method of textile production in which two distinct sets of yarn or threads are interlaced at right angles to form a fabric or cloth.

88. Consider the following statements:

Statement-II : The effect of ant bite can be neutralised by rubbing calamine solution

Statement-I : Calamine solution contains zinc carbonate which is basic in nature.

In the light of the above statements, choose the correct answer from the options given below:

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
(b) Both Statement-I and Statement-II are correct but Statement-II is not the correct explanation for Statement-I
(c) Statement-I is incorrect but Statement-II is correct.
(d) Statement-I is incorrect but Statement-II is correct.
(e) Question not attempted

Ans.(a): The sting of an ant contains formic acid which causes irritation on the skin. Calamine solution contains zinc carbonate which is basic in nature. Calamine solution neutralises the acid effect of the ant bite when applied on the skin.

89. Consider the following pairs:

1. **Plane mirror** : Image of the same size as the object
2. **Concave mirror** : Rear view mirror in a vehicle
3. **Convex mirror** : Dentist

How many of the above pairs are correctly matched?

- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs
(e) Question not attempted

Ans.(a): From plane mirror we get the image of the same size as of the object. Thus pair 1 is correctly matched. Convex mirror is used as rear view mirror in vehicle and concave mirror is used by dentist. Thus pair 2 & 3 are wrongly matched.

90. Consider the following pairs:

1. **Quick lime** : Manufacture of Cement

2. **Slaked lime** : Preparation of Soap

3. **Plaster of Paris** : Making Toys

How many of the above pairs are correctly matched?

- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs
(e) Question not attempted

Ans.(b): Quick lime (Calcium oxide) is used in cement and plaster of Paris is used for toy making. Sodium hydroxide is used in soap making (not slaked lime). Thus pairs 1 and 3 are correctly matched.

91. Take few drops of onion juice, dilute vanilla essence and clove oil in three different test tubes and consider the following statement.

1. The characteristic smell of vanilla is lost upon addition of NaOH, however it persists with HCl.

2. The characteristic smell of vanilla is lost upon addition of HCl, however it persists with NaOH.

3. The characteristic smell of clove oil is lost upon addition of NaOH in it.

How many of the statement given above are correct.

- (a) Only one statement is correct.
(b) Only two statements are correct.
(c) All three statements are correct.
(d) None of the statements is correct.
(e) Question not attempted

Ans.(b): Olfactory indicators are used to identify acid or base in laboratory. An olfactory indicator is a substance whose smell changes based on whether it is mixed with acid or base. Onion juice, clove oil and vanilla essence are examples of olfactory indicators. Onion juice lost its smell on addition of base NaOH however it persists on addition of acid HCl. Smell of vanilla is also lost on addition of base NaOH and persists on addition of HCl. The smell of clove oil is also lost on addition of NaOH. Thus statement 1, 2, 3 are correct.

92. Consider the following statements:

1. When pH of rain water lies in the range of 6 to 7, it is called acid rain

2. Tooth enamel starts to corrode when pH of mouth is greater than 7.

3. Under acidic conditions farmers would treat the soil with quick lime.

How many of the statement given above are correct?

- (a) Only one statement
(b) Only two statements
(c) All three statements
(d) None of the statements
(e) Question not attempted

Ans.(a): When pH of rain water is less than 5.6 then it is known as acid rain. Thus statement 1 is incorrect. Tooth enamel starts to corrode when pH of mouth is less than 5.5. Thus statement 2 is incorrect. Farmers treat acidic soil by mixing of calcium oxide with the soil. Thus statement 3 is correct.

93. Consider the following statements:

1. Alkali is a base that dissolves in water.

2. Ca(OH)_2 is not an example of alkali.

3. Dissolution of a base in water is an exothermic process.

How many of the statements given above are correct?

- (a) Only the statement is correct.
- (b) Only two statements are correct.
- (c) All three statements are correct.
- (d) None of the statement is correct.
- (e) Question not attempted

Ans.(b): Alkali is a base which get dissolves in water. Na(OH), Ca(OH)₂ are examples of base. Dissolution of base in water is an example exothermic process. Thus two statements 1 & 3 are correct.

94. Consider the following pairs:

- 1. Acid left by bee sting of honey bee : HCl.
- 2. Atmosphere of Venus : H₂SO₄
- 3. Antacid : Methanoic Acid

How many the above pairs are correct matched?

- (a) Only one pair is correct.
- (b) Only two pairs are correct.
- (c) All three pairs are correct.
- (d) None of the pairs is correct.
- (e) Question not attempted

Ans.(d): The acid that is present in bee stings is formic acid (not HCl). Thus statement 1 is incorrect. Venus's atmospheres is composed of 96.5% Carbon dioxide and 3.5% nitrogen, with other chemical compounds present only in trace amounts. Thus statement 2 is incorrect.

Antacid is made up of base not acid. Thus statement 3 is also incorrect.

Note:- However, the Haryana Public Service Commission has given option (a) as correct answer.

95. Consider the following statements:

Touching a flame is an urgent and dangerous situation and we drag our hands involuntarily. This fast reaction is attributable to which of the following structure of the nervous system?

- 1. Spinal Cord
- 2. Motor Neuron
- 3. Brain
- 4. Sensory neuron

How many of the statement given above are correct?

- (a) 1, 2, 3 and 4
- (b) 1 and 2 only
- (c) 1, 2 and 4 only
- (d) 2, 3 and 4 only
- (e) Question not attempted

Ans.(c): On touching a flame we drag our hands involuntarily, this process is known as reflex action. This is a fast reaction attributable to Spinal cord, Motor Neuron and sensory neuron.

96. Consider the following statements:

Which of the following functions is/are influenced by adrenalin.

- 1. Increase the heart beat.
- 2. More Oxygen supply to muscles.
- 3. Increased supply of blood to the digestive system.
- 4. Breathing rate declines.

How many of the statement given are correct?

- (a) 1, 2, 3 and 4
- (b) 1 and 2 only
- (c) 1, 2 and 3 only
- (d) 1 only
- (e) Question not attempted

Ans.(b): Adrenalin is a hormone released by Adrenal gland in the body. It helps to address the sudden stressful situation in the body. Adrenal increases the heart beat so that the lung take oxygen efficiently. It helps to supply more oxygen to muscles. Breathing rate decline and increased supply of blood to digestive system is not the function of adrenalin. Hence pairs 1 and 2 are correct.

97. Consider the following statements:

Anaerobic breakdown of glucose in cell results in formation of which of the following compounds?

- 1. Ethanol
- 2. Lactic Acid
- 3. Carbon dioxide
- 4. ATP

How many of the statement given above are correct?

- (a) 1, 2, 3 and 4
- (b) 1 and 2 only
- (c) 1, 2 and 3 only
- (d) 2 and 3 only
- (e) Question not attempted

Ans.(a): Anaerobic breakdown of glucose in cell results in production of Ethanol Lactic Acid, carbon dioxide and ATP.

When anaerobic breakdown of glucose takes place due to yeast it results in ethanol and carbon dioxide. While doing heavy exercise, when anaerobic breakdown of glucose takes place then lactic Acid and ATP is released.

98. Consider the following statements:

During Urine formation which of the following substances are selectively reabsorbed from the initial filtrate?

- 1. Glucose
- 2. Amino Acid
- 3. Salts
- 4. Water

How many of the statement given above are correct?

- (a) 1, 2, 3 and 4
- (b) 3 and 4 only
- (c) 1, 2 and 3 only
- (d) 4 only
- (e) Question not attempted

Ans.(b): Glucose amino acids, salts and high amount of water are reabsorbed in the Nephron during the second step of urine formation is the selective reabsorbed.

Note:- However, Haryana Public Service Commission has given option (a) as correct answer.

99. Consider the following statements:

Which of the following plant hormones helps in promotion growth in plants?

- 1. Auxins
- 2. Gibberellins
- 3. Cytokinins
- 4. Abscisic Acid

How many of the statements given above are correct?

- (a) 1, 2, 3 and 4
- (b) 1, 2 and 3 only
- (c) 1 and 2 only
- (d) 1 only
- (e) Question not attempted

Ans.(b): Plant hormones like Auxins, Gibberellins and Cytokinins helps in promotion of growth in plants while Abscisic acid is a plant hormone which limits the growth of plants.

100. Consider the following statements:

Statement-I: The length of the small intestine differs in various animals depending on the food they eat.

Statement-II: Herbivores needs a longer small intestine to allow the cellulose to be digested.

How many of the statements given above are correct

- (a) Both Statements are correct.
- (b) Statement I is correct but Statement II is incorrect.
- (c) Statement I is incorrect but Statement II is correct.
- (d) Bothe statements are incorrect.
- (e) Question not attempted

Ans.(a): The length of small intestine differs in various animals depending on the food they eat. In herbivores small intestine is longer than carnivores. Herbivores needs a longer small intestine to digest cellulose as cellulose needs longer time to get digested.

Haryana PCS (Pre) Exam. 2023

GENERAL STUDY

Solved Paper

[Exam Date : 21 May 2023]

1. Given below are two statements:

Statement I :

The Ulema were Muslim the ologians who provided and interpreted passages from Quran. The Sultan was required to show respect, at least ostensibly, for Islamic institutions and pre-eminently to the ulemas. This involved the granting of endorsement to religious causes and offices to the ulemas, building to mosque etc.

Statement II :

The Ulema were concerned only about the religious aspect and had no voice in political matters.

In the light of the above statements, choose the correct answer from the options given below:

- (a) Both statements I and II are true
- (b) Both statements I and II are false.
- (c) Statement I is true but Statement II is false.
- (d) Statement I is false but Statement II is true.
- (e) Question not attempted

Ans. (c) : The Ulema were Muslim, the ologians who provided and interpreted passage from Quran. The Ulemas are considered to be guardians and interpreters of spiritual knowledge in Islam, including Islamic doctrine and law. They also developed public polices and heard cases by the Quran and therefore the Sharia. Hence statement -I is correct while statement -II is incorrect.

2. Given below are two statements:

Statement I :

Rowlatt Act came into being during the Non-Cooperation movement. This was designed to take action against the Indians participating in the movements.

Statement II :

The Rowlatt bill allowed the judge to try political cases without juries and gave to provincial governments, in addition to centre, the power of interment without trial. It was popularly described as "Na appeal, Na dalil, Na Vakil."

In the light of the above statements, choose the correct answer from the options given below:

- (a) Both statements I and II are correct.
- (b) Both statements I and II are false.
- (c) Statement I is correct but Statement II is false.
- (d) Statement I is false but Statement II is true.
- (e) Question not attempted

Ans. (d) : Rowlatt Act (1919) passed through the imperial legislative council. It gave government enormous powers to repress political activities and allowed detention of political prisoners without trial for 2 years. The Rowlatt bill allowed the judges to tries political cases without juries. It was popularly described as Na appeal Na Dalil, Na Vakil. This act came before the non-cooperation movement hence statement-I is incorrect while statement-II is correct.

3. Given below are two statements : One is labelled as Assertion A and the other is labelled as Reason R :

Assertion A : The decline of the Maurya Empire started after Ashoka.

Reason R : Ashoka followed the policy of Dhammavijay and disbanded his army.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both A and R are correct and R is the correct explanation of A.
- (b) Both A and R are correct and R is the correct explanation of A.
- (c) A is correct but R is not correct.
- (d) A is not correct but R is correct.
- (e) Question not attempted

Ans. (c) : The Mauryan dynasty/Empire was founded by Chandragupta Maurya in 322 BCE, the greatest ruler of this dynasty was Ashoka, after the death of Ashoka the empire shrank because of invasions, defections by southern princes and quarrels over ascension. According to the thirteen major Rock edict of Ashoka, the Kalinga war prompted him to devote the rest of his life to ahimsa (non violence) and dhamma-Vijaya (victory through dharma) but there is no evidence founded yet that he disbanded his army hence assertion is correct while the reson is incorrect.

4. Which one of the following throws light on the Lakulisha Pashupat Sect?

- 1. Coin of Huvishka
- 2. Mathura inscription of Chandragupta II
- 3. Maltimadhav of Bhavabhuti
- 4. Ashtadhyayi of Panini
- 5. Kadambani of Vanbhata

Choose the correct answer from the options given below:

- (a) 1, 3, 4
- (b) 2, 3, 4
- (c) 1, 2, 5
- (d) 1, 2, 4, 5
- (e) Question not attempted

Ans. (c) : Lakulisha was a prominent Shaivite revivalist, reformist and preceptor of the doctrine of Pashupatas, one of the oldest sect of Shaivism. The coin of the Huvishka, Mathura inscription of Chandragupta II and Vanbhata's Kadambani throws light on the Lakulisha Pashupat sect.

5. Which of the following is/are true about the Virupaksha-Pampadevi of Vijayanagara?

1. matridevi Pampadevi had done penance to marry Virupaksha.
2. The Vijaynagara Rulers claimed to rule on behalf of Pampadevi.
3. The patron deity of the Vijayanagara Kingdom was Virupaksha.
4. Normally, the name of Srinirupaksha was mentioned in the Kannada script in the royal orders.
5. Virupaksha was a form of Vishnu.

Choose the correct answer from the options given below :

- (a) 1, 2, 3 (b) 2, 3, 5
(c) 1, 3, 4 (d) 2, 3, 4
(e) Question not attempted

Ans. (c) : Vijaynagara (city of victory) was founded in the fourteenth Century. Although it fell into ruin in the seventeenth - eighteenth century, it lived on in the memories of people living in the Krishna- Tungabhadra doab. They remembered it as Hampi, a name derived from that of the local mother goddess, Pampadevi. She did penance in order to marry Virupaksha, normally the name of Srivirupaksha was mentioned in the Kannada script in the Royal orders. Virupaksha was the guardian deity of the kingdom also recognised as a form of Shiva. Hence statements 1, 3, 4 are correct, while the statements 2 and 5 are not correct because the rulers Vijayanagar never claimed to rule on behalf of Pampadevi.

6. Match List-I with List-II

List-I		List-II	
A.	Composition of Basant Vilas in Sanskrit	I.	Raghnath
B.	Translation of Bhagvatgita into Bangla	II.	Udayraj of Gujarat
C.	Composition of Tapathisambaranamu Upakhyanamu	III.	Maladhar Vasu
D.	Creation of Muhurtamala, a treatise on Muhurta	IV.	Gangadhar

Choose the correct answer from the options given below :

- (a) A-II, B-III, C-IV, D-I
(b) A-III, B-I, C-IV, D-II
(c) A-IV, B-I, C-II, D-III
(d) A-II, B-IV, C-III, D-I
(e) Question not attempted

Ans. (a) : The correct match is as follows:-

Composition of Basant Bilas in Sanskrit	– Udayraj of Gujarat
Translation of Bhagvatgita into Bangla	– Maladhar Vasu
omposition of Tapathisambaranamu Upakhyanamu	– Gangadhar
Creation of Muhurtamala, a treatise on Muhurta	– Raghnath

7. Match List-I with List-II.

List-I		List-II	
A.	Description of Indian Trade and Society	I.	Manucci
B.	Visited India six times	II.	Bernier
C.	Came to India and never went back to Europe	III.	Barbose
D.	Scientist of Mughal Emir Danshmand Khan	IV.	Tavernier

Choose the correct answer from the options given below :

- (a) A-I, B-II, C-IV, D-III
(b) A-III, B-I, C-IV, D-II
(c) A-IV, B-I, C-II, D-III
(d) A-III, B-IV, C-I, D-II
(e) Question not attempted

Ans. (d) : The correct match is as Follows:-

Characteristic	Foreign Traveler
Description of Indian Trade & society	Barbosa
Visited India six times	Tavernier
Came to India and never went back to Europe	Manucci
Scientist of Mughal Emir Danishmand Khan	Bernier

8. Subsidiary alliance was a system devised by Lord Wellesley in 1798. All those who entered into such an alliance with the British had to accept certain terms and conditions.

1. The British would be responsible for protecting their ally from external and internal threats to their power.
2. In the territory of the ally a British armed contingent would be stationed and ally would provide resources for their maintenance.
3. The ally would enter into agreements, with other rulers or engage in warfare only with the permission of the British.
4. Ally may walk away with the alliance anytime at the disagreement.

Choose the correct answer from the options given below:

- (a) 1 only (b) 1 and 2 only
(c) 1, 2, and 3 only (d) 2, 3 and 4 only
(e) Question not attempted

Ans. (c) : The subsidiary alliance in India was planned by lord Wellesley but the term was introduced by French Governor Dupleix.

An Indian ruler entering into subsidiary Alliance with the British had to dissolve his own armed Forces and accept British forces in his territory and had to pay for maintenance of the forces. If the ruler failed to pay a portion of his territory would be taken away and cited to the British. In return the British would protect the Indian state form external and internal threats. The Indian state could not enter into any alliance with any other foreign power. The Indian ruler lost all powers in respect of Foreign affairs and the military Also the India rulers was not allowed to break the alliance. There statement 1, 2 and 3 are correct.

9. Match List-I with List-II.

List-I		List-II	
A.	Setting up Supreme Court at Calcutta by East India Company	I.	1793
B.	Cornwalis code enacted	II.	1774
C.	Railway line between Bombay and Thane	III.	1881
D.	Madras Harbour	IV.	1853

Choose the correct answer from the options given below :

- (a) A-I, B-II, C-III, D-IV
- (b) A-III, B-II, C-IV, D-I
- (c) A-II, B-I, C-IV, D-III
- (d) A-II, B-I, C-III, D-IV
- (e) Question not attempted

Ans. (c) : The correct match is as Follows:-

List - I	List II
Setting up supreme court at Calcutta by East India company	1774
Carnwalis code enacted	1993
Railway Line between Bombay and Thane	1853
Madras Harbour	1881

10. Statement I :

In 1866 Dadabhai Navroji organized the East India Association in London to discuss Indian questions to influence British Public opinion. Branches of the Association were organized in major Indian cities.

Statement II :

He showed that the poverty and economic backwardsness of India were not inherent in local conditions but were caused by colonial rule which was draining India of its wealth and capital.

In the light of the above statement, choose the most appropriate answer from the options given below :

- (a) Both Statement I and II are True.
- (b) Both Statement I and II are False.

- (c) Statement I is correct but Statement II is False.
- (d) Statement I is incorrect but Statement II is True.
- (e) Question not attempted

Ans. (a) : Dadabhai Naoroji, also known as Grand old man of India was an Indian Scholar. He was the first modern Indian economic thinker and also the first Indian elected to British Parliament and first leader to establish Swaraj as the goal of the congress. In 1866 he organised East India Association in London with aim to disuses Indian questions to influence British public and the branches of the organisation were also organised in major Indian cities. He gave the theory of drain of wealth in his book poverty and Un-British rule in India 1867 and showed that the poverty and economic backwardness of India were not inherent in local which was draining India of its wealth and capital. Hence both the statement are correct.

11. Given below are two statements : one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A :

In a message to the Indian Labour Journal in November 1933, Jawahar Lal Nehru emphasized that both social and national struggles were basic and that in neither should a compromise be made.

Reason R :

He urged the working class to play its role in the anti-imperialist struggle.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (a) Both A and R are correct and R is the correct explanation of A.
- (b) Both A and R are correct but R is NOT the correct explanation of A.
- (c) A is correct but R is not correct.
- (d) A is not correct but R is correct.
- (e) Question not attempted

Ans. (a) : In 1933, Jawahar Lal Nehru in a message to the Indian Labour Journal, emphasized that both social and national struggles were basic and that in neither should compromise be made. He also urged the working class to play its role in the anti-imperialist struggle. Hence both assertion and reason are correct but reason is not correct explanation of assertion.

12. Which of the following is not an example of Rocks with Phaneritic texture?

- (a) Granite
- (b) Diorite
- (c) Ryolite
- (d) Gabbro
- (e) Question not attempted

Ans. (c) : Phaneritic texture appears in igneous rocks with large, visible crystals as the rock is formed slowly in an underground magma chamber. Which are intrusive igneous rocks.

Among the options Granite Diorite and Gabbro are intrusive igneous rocks thus are example of Phaneritic texture while is not the example of phaneritic texture.

13. Consider the following statements :
1. Tiber river delta is not an example of cusplate delta.
 2. Tiber river enters into Tyrrhenian sea.
 3. The Tiber river flows through the city of Rome.

Choose the correct answer from the options given below :

- (a) 1 and 3 only (b) 1 only
(c) 2 and 3 only (d) 1 and 2 only
(e) Question not attempted

Ans. (c) : The Tiber river is one of the longest river of Italy. It originates in Apennine mountains and drains into Tyrrhenian sea. It flows through the city of Rome. The Tiber river forms a cusplate delta as it empties into the Tyrrhenian Near Rome, Italy.

14. Consider the following statements :
1. The Achaean rock system is the oldest rock system of India.
 2. The most common Achaean rock is gneiss.
 3. The Dharwar system belongs to the later part of Achaean system.

Choose the correct answer from the options given below :

- (a) 1 and 2 only (b) 1 and 3 only
(c) All of the above (d) 1 only
(e) Question not attempted

Ans. (c) : Archean rocks are formed by cooling and solidification of the upper crust of the earth's surface in the Archaean era-Gneisses and granites found on peninsula are examples of Archaean rocks. The Dharwar system of rocks belongs to the later part of Archaean system.

15. What is the correct sequence of the given geographic feature from South to North?
- (a) South-Sandwich Trench - Puerto Rico Trench - Japan Trench - Kuril Trench
 - (b) South-Sandwich Trench - Japan Trench - Puerto Rico Trench - Kuril Trench
 - (c) Puerto Rico Trench - South Sandwich Trench - Kuril Trench - Japan Trench
 - (d) South Sandwich Trench - Puerto Rico Trench - Kuril Trench - Japan Trench
 - (e) Question not attempted

Ans. (a) : The correct sequence of given trench from South to north is- South-sandwich Trench- Puerto Rico Trench – Japan trench – Kuril Trench.

16. Given below are two statements :
- Statement I :**
The Arthashastra is a treatise on government and economics ascribed to Kautilya, the chief advisor of Chandragupta Maurya.
- Statement II :**
By the third century B.C. the economy of North India was predominantly agrarian. Land revenue had become the accepted source of income for the government. Kautilya refers at length to methods of tax collection and related

problems. Modifications in land tax appeared to be the direct concern of the king.

In the light of the above statements choose the correct answer from the options given below:

- (a) Both statements I and II are true.
(b) Both Statements I and II are false.
(c) Statement I is correct but Statement II is false.
(d) Statement I is false but Statement II is correct.
(e) Question not attempted

Ans. (a) : The Arthashastra is written by Kautilya (Chanakya), the chief advisor of Chandragupta Maurya. It is a treatise on government and economics, of third century B.C. during that period the economy of North India was predominantly agrarian. Land revenue had become the accepted source of income of the government. He (Kautilya) also refers at length to method of tax and related problems and he also describes only modification in land tax appeared to be the direct concern of the king. Hence both the statements are correct.

17. Arrange the following Coalfields of India from South to North direction.

1. Singareni coalfield
2. Jhilimili coalfield
3. Giridih coalfield
4. Neyveli coalfield

Choose the correct answer from the options given below:

- (a) 1, 4, 2, 3 (b) 4, 2, 1, 3
(c) 4, 1, 2, 3 (d) 2, 1, 3, 4
(e) Question not attempted/अनुत्तरित प्रश्न

Ans. (c) : The correct arrangement of coalfields of India from south to North direction is as below:- Neyveli coalfield (Tamil Nadu), Singareni Coalfield (Andhra Pradesh), Jhilimili Coalfield (Chhatisgrah), Giridih Coalfield (Jharkhand).

18. Match List-I with List-II

List-I		List-II	
(Thermal Power plants in India)		(States)	
A.	NTPC Ramagundam Super Thermal Power Plant	I.	Maharashtra
B.	Mundra Thermal Power Station	II.	West Bengal
C.	Mejia Thermal Power Station	III.	Telangana
D.	Trombay Thermal Power Plant	IV.	Gujarat

- (a) A-II, B-IV, C-I, D-III
(b) A-III, B-IV, C-II, D-I
(c) A-IV, B-I, C-II, D-III
(d) A-I, B-III, C-IV, D-II
(e) Question not attempted