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**Public Service Commission**  
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**Assistant Review Officer**  
**Solved Papers**  
**General Studies & General Hindi**

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# UPPSC RO-ARO (Pre) Nirsat Exam-2023

## GENERAL STUDIES

### Solved Paper

(Exam Date : 11-02-2024)

1. Given below are two statements, in which one is labelled as Assertion (A) and other as Reason (R) :

**Assertion (A) :** The boiling point of water decreases as the altitude increases.

**Reason (R) :** The atmospheric pressure increases with altitude.

Select the correct answer using the code given below :

**Code :**

- (a) (A) is true but (R) is false.  
(b) (A) is false but (R) is true.  
(c) Both (A) and (R) are true and (R) is correct explanation of (A).  
(d) Both (A) and (R) are true but (R) is not correct explanation of (A).

**Ans. (a) :** The boiling point is a temperature at which a liquid boils and turns to vapour. For water the boiling point is 100°C. The boiling point of a liquid, depends on atmospheric pressure, if atmospheric pressure is greater then the boiling point is lower and vice-versa.

Hence boiling point of water decreases as the altitude increases as atmospheric pressure decreases with increasing in altitude. Thus statement-I is correct while statement-II is incorrect.

2. Which of the following city/cities is/are not situated in present day Afghanistan?

1. Ghazni                      2. Fergana  
3. Kandahar                  4. Samarkand

Select the correct answer from the code given below :

**Code :**

- (a) 2 and 4                      (b) Only 1  
(c) 2 and 3                      (d) Only 4

**Ans. (a) :** The Fergana and Samarkand both are situated at Uzbekistan while Ghazni and Kandahar both are situated at present day Afghanistan.

3. What is the correct chronological order of the Sultans of Sayyid dynasty?

1. Khizr Khan  
2. Muhammad Shah  
3. Mubarak Shah  
4. Ala-ud-Din Alam Shah

Select the correct answer from the code given below :

**Code :**

- (a) 1, 3, 4, 2                      (b) 1, 4, 2, 3  
(c) 1, 3, 2, 4                      (d) 1, 2, 3, 4

**Ans. (c) :** The Sayyid dynasty was the fourth dynasty of Delhi sultanate. The founder of dynasty was Khizr Khan. The rulers were Khizr Khan followed by Mubarak Shah, Muhammad Shah and Ala-ud-din Alam Shah.

4. A voltage of 15 volt is applied across a colour coded carbon resistor with first, second and third rings of brown, green and black colours. What is the current flowing through the resistor?

- (a) 3 ampere                      (b) 2 ampere  
(c) 1 ampere                      (d) None of the above

**Ans. (c) :** Given,  $I = ?$

$V = 15 \text{ Volt}$

Colour coding of carbon resistor

Brown	Green	Black
1	5	0

$R = 15 \times 10^0 = 15\Omega$

The current flowing through the resistor is -

$$I = \frac{V}{R} = \frac{15}{15} = 1A$$

5. Consider the following types of erosion and arrange these in correct sequence in terms of the increasing order of soil loss from the field due to these types of erosion -

- I. Gully erosion                  II. Splash erosion  
III. Rill erosion                  IV. Sheet erosion

Select the correct answer from the code given below :

**Code :**

- (a) IV, I, III, II                      (b) II, IV, III, I  
(c) III, II, I, IV                      (d) II, III, IV, I

**Ans. (b) :** Rainfall produces four types of soil erosion the correct sequence in terms of increasing order of soil loss from the field due to these types of erosion are as follows :-  
Splash erosion, sheet erosion, rill erosion and gully erosion.

6. Consider the following statements with reference to Attorney General of India-
1. He holds office during the pleasure of the Prime Minister.
  2. He is not entitled to the privileges of a Member of Parliament.

Select the correct answer from the code given below :

Code :

- (a) Only 1 (b) Only 2  
(c) Neither 1 nor 2 (d) Both 1 and 2

**Ans. (c) :** Article-76 of Indian constitution deals with the position of attorney General of India. He holds office during the pleasure of president and he is entitled to privileges of a member of parliament. Hence both statements are incorrect.

7. The reason for a swimming pool to appear less deep than the actual depth is -
- (a) Reflection (b) Light scattering  
(c) Refraction (d) None of the above

**Ans. (c) :** When light travels obliquely from one medium to another the direction of propagation of light in second medium changes. This phenomenon is known as refraction of light. The swimming pool appears less deep than the actual depth due to the phenomenon of refraction of light.

8. Given below are two statements, in which one is labelled as Assertion (A) and other as Reason (R) :

**Assertion (A) :** "Five Eyes" is an Intelligence Alliance of 5 countries including U.S.A., U.K., Canada, Australia and New Zealand.

**Reason (R) :** They share intelligence inputs regarding threats to their countries interests through a collective secret database called "Stone Ghost".

Select the correct answer using the code given below :

Code :

- (a) (A) is true but (R) is false.  
(b) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(c) Both (A) and (R) are true and (R) is correct explanation of (A).  
(d) (A) is false but (R) is true.

**Ans. (c) :** The five eyes is an Anglosphere intelligence alliance comprising Australia , Canada, New Zealand, United Kingdom and the United states. They share intelligence inputs regarding threats to their countries interests through a collective secret database called stone Ghost. Hence both statements are correct and reason (R) is the correct explanation of assertion (A).

9. Given below are two statements, in which one is labelled as Assertion (A) and other as Reason (R) :

**Assertion (A) :** Pulses, when included in intercropping with cereals, act as complimentary crops.

**Reason (R) :** Pulses with tap root system, do not compete for nutrients and moisture with cereals having fibrous root system.

Select the correct answer using the code given below :

Code :

- (a) (A) is false but (R) is true.  
(b) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(c) (A) is true but (R) is false.  
(d) Both (A) and (R) are true and (R) is correct explanation of (A).

**Ans. (b) :** Intercropping is a multiple cropping practice that involves the cultivation of two or more crops simultaneously on the same field, a form of polyculture. When Pulses are included in intercropping with cereals they act as complimentary crops as pulses with tap root system do not compete for nutrients and moisture with cereals having fibrous root system .

Hence assertion (A) and reason (R) both are correct and (R) is correct explanation of (A).

10. Consider the following events and arrange them in correct chronological order starting from the earliest to the last activity :

I. Discovery of pi meson

II. Discovery of Neutron

III. Discovery of Electron

IV. Discovery of Proton

Select the correct answer using the code given below :

Code :

- (a) I, III, IV, II (b) III, II, I, IV  
(c) III, IV, II, I (d) III, IV, I, II

**Ans. (c) :**

Elements	Discovery
Electrons	– 1897, by J-J Thomson
Protons	– 1917, by Rutherford
Neutron	– 1932, by James Chadwick
Pi-meson	– 1947, by Cecil Powell

11. Given below are two statements, in which one is labelled as Assertion (A) and other as Reason (R) :

**Assertion (A) :** The struggles in South Africa prepared Gandhiji to lead the National Movement.

**Reason (R) :** Seeing the militancy of Indians in South Africa, Gandhiji was convinced that the Indian people would be ready for militant struggle and sacrifice for a cause.

Select the correct answer from the code given below :

**Code :**

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

**Ans. (b) :** The struggles in South Africa for the rights of Indian prepared Gandhi ji to lead the National movement. He believed his way of truth non-violence and Satyagrah would make Indians ready for freedom struggle. Thus, Assertion is correct and Reason is incorrect.

**12. A sum invested at 7% simple interest per annum grows to ₹ 540 in 5 years. The same amount at 9% simple interest per annum in 3 years will grow to be-**

- (a) ₹ 450 (b) ₹ 520  
 (c) ₹ 420 (d) ₹ 508

**Ans. (b) :** Let, Principal amount (P) = Rs. x

Interest Rate( $R_1$ ) = 7% Yearly

Time( $T_1$ ) = 5years

$$SI_1 = \frac{P \times R_1 \times T_1}{100}$$

Simple Interest( $SI_1$ ) = Rs. (540 - x)

$$(540 - x) = \frac{x \times 7 \times 5}{100}$$

$$135x = 54000$$

$$x = ₹400$$

As per question-

Interest received in 3 years at rate of 9% per annum-

$$= \frac{400 \times 9 \times 3}{100} = 108 \text{ Rs.}$$

Amount = Rs. (400 + 108) = 508 Rs.

**13. Match List-I with List-II and select the correct answer using the code given below**

List-I		List-II	
A.	Jaya Varma Sinha	1.	Author of "Tales from Banana Republic"
B.	Manoj Nath	2.	P.M. of Thailand

C.	Srettha Thavisin	3.	The first woman Chairperson of the Railway Board
D.	Dr. Mohamed Muizzu	4.	President of Maldives

**Code :**

- A B C D A B C D  
 (a) 4 1 2 3 (b) 2 1 3 4  
 (c) 3 1 2 4 (d) 3 2 1 4

**Ans. (c) :**

Jaya Varma Sinha	-	The first woman Chairperson of the Railway Board
Manoje Nath	-	Author of "Tales from Banana Republic"
Srettha Thavisin	-	P.M. of Thailand
Dr. Mohamed Muizzu	-	President of Maldives

**14. Out of the four given pairs below, how many of the following pairs are correctly matched?**

List-I (Research Institute)		List-II (City)	
A.	Arid Forest Research Institute	-	Jodhpur
B.	Himalayan Forest Research Institute	-	Dehradun
C.	Rain Forest Research Institute	-	Jorhat
D.	Tropical Forest Research Institute	-	Jabalpur

- (a) 4 (b) 2  
 (c) 1 (d) 3

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

Research Institutes	City	
Arid Forest Research Institute	-	Jodhpur
Himalayan Forest Research Institute	-	Shimla
Rain Forest Research Institute	-	Assam
Tropical Forest Research Institute	-	Jabalpur

Hence only three pairs are matched.

**15. Consider the following statements with reference to osmosis :**

- If the semi permeable membrane is placed between the solvent and solution, the solvent molecules will flow through the membrane from pure solvent to the solution.
- The process of flow of solvent is called as reverse osmosis.

Select the correct answer using the code given below :

- (a) Both 1 and 2 (b) Only 1  
(c) Neither 1 nor 2 (d) Only 2

**Ans. (a) :** If the semi permeable membrane is placed between the solvent and solution then the solvent molecules will flow through the membrane from pure solvent to the solution and this process of flow of solvent is called reverse osmosis (R.O). Hence both the statements are correct.

16. Consider the following statements with reference to Uttar Pradesh Budget, 2023-24 –

1. The size of the Budget is ₹ 7,60,000 crore.
2. The Fiscal Deficit is estimated to be at ₹ 84, 883.16 crore.

Select the correct answer using the code given below :

- Code :**  
(a) Both 1 and 2 (b) Only 2  
(c) Neither 1 nor 2 (d) Only 1

**Ans. (b) :** The size of budget of Uttar Pradesh for the financial year 2023-24 was 6.90 lakh crore and fiscal deficit was estimated to be at ₹ 84188316 Crore. Hence statement-I is incorrect while statement-II is correct.

17. Consider the following events and arrange them in chronological order-

- I. C.R. Rao, the eminent Statistician, passed away
- II. Ustad Ali Zaki Haider, the Rudra Veena exponent, passed away
- III. Bindeshwar Pathak, father of public toilets in India, passed away
- IV. M.S. Swaminathan, father of India's Green Revolution, passed away

Select the correct answer using the code given below :

- Code :**  
(a) III, I, II, IV (b) IV, II, III, I  
(c) IV, I, II, III (d) II, III, I, IV

**Ans. (a) :**

Personality	Death
C.R Rao	– 22.August 2023
Ustad Ali Zaki Haider	– 8 September, 2023
Bindeshwar Pathak	– 15 August 2023
M.S. Swaminathan	– 28 September 2023

Hence the correct chronology of events is III, I, II & IV.

18. Consider the following events of seed multiplication stages and arrange these in correct chronological order from earliest stage to last -

- I. Breeder seed II. Foundation seed  
III. Certified seed IV. Nucleus seed

Select the correct answer from the code given below :

- Code :**  
(a) IV, I, II, III (b) II, III, I, IV  
(c) III, I, IV, II (d) II, IV, III, I

**Ans. (a) :** The correct chronological order of seed multiplication stage from earliest stage to last is Nucleus seed, Breeder seed, foundation seed and certified seed. Hence option (a) is the correct answer.

19. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** India is the largest producer of Jute in the world.

**Reason (R) :** India's Jute production increased due to Yellow Revolution.

Select the correct answer using the code given below :

- Code :**  
(a) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(b) (A) is true but (R) is false.  
(c) (A) is false but (R) is true.  
(d) Both (A) and (R) are true and (R) is the correct explanation of (A).

**Ans. (b) :** India is the largest producer of jute in the world. The jute production in India increased due to Golden Fiber Revolution. Hence Assertion (A) is true while Reason (R) is false.

20. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** Roscomos's Luna-25 mission to moon was aimed at ensuring guaranteed access to moon.

**Reason (R) :** Russia and China together are leading International Lunar Research Station (ILRS) against U.S. led Artemis Accord.

Select the correct answer from the code given below :

- Code :**  
(a) (A) is true but (R) is false.  
(b) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(c) Both (A) and (R) are true and (R) is correct explanation of (A).  
(d) (A) is false but (R) is true.

**Ans. (d) :** Roscomos's Luna-25 mission to moon was aimed at ensuring guaranteed access to moon. Russia and China together are leading International Lunar Research Station (ILRS), which will strengthen scientific research exchanges and promote humanity's exploration and use of outer space for peaceful purpose. The ILRS launched against U.S led Artemis accord Luna-25 was Russian probes to support ILRS. Hence both Assertion (A) and Reason (R) are correct and (R) is the correct explanation of (A).

21.  $x\%$  of  $y$  is equal to  $y\%$  of \_\_\_\_\_.  
 (a)  $x$  (b)  $100x$   
 (c)  $\frac{x}{100}$  (d) None of the above

**Ans. (a) :**  $x\%$  of  $y = \frac{x}{100} \times y$

$$y\% \text{ of } ? = \frac{y}{100} \times ?$$

$$\frac{x \times y}{100} = \frac{y \times ?}{100}$$

$$? = x$$

22. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :  
**Assertion (A) :** During the winter season, most part of India is dry.  
**Reason (R) :** Most parts of the country are under influence of the northeast trade winds during the winter season.  
 Select the correct answer using the code given below :

**Code :**

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

**Ans. (d) :** During the winter season, most part of India is dry because most of parts of country are under influence of the northeast trade winds which blow from land to sea thus they are dry and do not cause rainfall.  
 Hence both assertion (A) and reason (R) are correct and (R) is the correct explanations of A.

23. Match List-I with List-II and select the correct answer using the code given below

List-I (Dance)	List-II (State)
A. Bharatnatyam	1. Tamil Nadu
B. Kuchipudi	2. Uttar Pradesh
C. Sattriya	3. Andhra Pradesh
D. Kathak	4. Assam

**Code :**

A	B	C	D	A	B	C	D
(a) 1	3	4	2	(b) 3	4	1	2
(c) 1	4	3	2	(d) 1	2	4	3

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

Dance	State
Bharatnatyam	Tamil Nadu
Kuchipudi	Andhra Pradesh.
Sattriya	Assam
Kathak	Uttar Pradesh

24. Consider the following statements with reference to Charkula dance of Uttar Pradesh—  
 1. It is dance performed in the Awadh region of Uttar Pradesh.  
 2. In this dance, veiled women balancing large multi-tiered circular wooden pyramids on their heads dance to songs about Krishna.

Select the correct answer from the code given below :

**Code :**

- (a) Neither 1 nor 2 (b) Both 1 and 2  
 (c) Only 1 (d) Only 2

**Ans. (d) :** Charkula is a dance form performed in the Braj region of Uttar Pradesh and in this dance, veiled women balancing large multi-tiered circular wooden pyramids on their heads dance to songs about Krishna.

Hence only statement-2 is correct.

25. If the 25<sup>th</sup> of October in a year is Thursday, the number of Monday in that month is -

- (a) 3 (b) 4  
 (c) 5 (d) None of the above

**Ans. (c) :** If in a year 25<sup>th</sup> of October is Thursday.

25<sup>th</sup> Oct – Thursday

29<sup>th</sup> Oct – Monday

29<sup>th</sup> Oct – 22<sup>th</sup> Oct – 15<sup>th</sup> Oct – 8<sup>th</sup> Oct – 1<sup>st</sup> Oct

↓↓↓↓↓

Monday Monday Monday Monday Monday.

Hence in that month total number of Monday is 5.

26. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

Assertion (A) : The northern slopes of the Himalayas have a thicker vegetation cover compared to the southern slopes.

Reason (R) : Southern slopes of Himalayas receive more rainfall than the northern slopes.

Select the correct answer using the code given below :

Code :

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

**Ans. (b) :** The southern slopes of the Himalaya receive more rain due to the south west monsoon winds which travel west along the southern slopes. The northern slopes do not receive any such rainfall. So the southern slopes are covered with thick vegetation as compared to northern slopes. Hence assertion (A) is false but reason (R) is true.

27. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

Assertion (A) : Raja Ram Mohan Roy was the Editor of “Sambad Kaumudi”, a Bengali weekly.

Reason (R) : His articles condemning the custom of widow burning were published in it.

Select the correct answer using the code given below :

Code :

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

**Ans. (a) :** Sambad Kaumudi, a Bengali weekly was edited by Raja Ram Mohan Roy, in this weekly Magazine in his articles he condemned the custom of widow burning and other social wills. Hence both assertion (A) and reason (R) are correct and (R) is the correct explanation of (A).

28. Match List-I with List-II and select the correct answer using the code given below

List-I		List-II	
A.	Futuh-us-Salatin	1.	Firoz Shah Tughlaq
B.	Futuh-i-Firoz Shahi	2.	Abdul Malik Isami

C.	Tarikh-i-Firoz Shahi	3.	Amir Khusrau
D.	Khazain-ul-Futuh	4.	Ziauddin Barani

Code :

- |     |   |   |   |   |     |   |   |   |   |
|-----|---|---|---|---|-----|---|---|---|---|
| A   | B | C | D |   | A   | B | C | D |   |
| (a) | 3 | 2 | 1 | 4 | (b) | 1 | 3 | 4 | 2 |
| (c) | 2 | 1 | 4 | 3 | (d) | 2 | 4 | 3 | 1 |

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

List-I	-	List-II
Futuh-us-Salatin	-	Abdul Malik Isami
Futuh-i-Firoz Shahi	-	Firoz Shah Tughlaq
Tarikh-i-Firoz Shahi	-	Ziauddin Barani
Khazain-ul-Futuh	-	Amir Khusrau

29. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

Assertion (A) : A person travelling in a car with closed glass windows and doors is safe from the lightning strike.

Reason (R) : Actually a closed car behaves like a hollow conductor, so charges cannot enter inside the car.

Select the correct answer using the code given below :

Code :

- (a) (A) is false but (R) is true.  
 (b) Both (A) and (R) are true but (R) is not correct explanation of (A).  
 (c) Both (A) and (R) are true and (R) is correct explanation of (A).  
 (d) (A) is true but (R) is false.

**Ans. (c) :** A person travelling in a car with closed glass windows and doors is safe from the lightning strike because a closed car behaves like a hollow conductor, so charges cannot enter inside the car. Thus, both Assertion and Reason are correct and Reason explains assertion.

30. With reference to the ‘Rhine River in Europe’, which of the following statements is/are correct?

1. Rhine river is an important pathway for industrial activity in northern Germany.
2. Port of Rotterdam is located at the mouth of the Rhine river.

Select the correct answer using the code given below :

Code :

- (a) Neither 1 nor 2                      (b) Only 2  
 (c) Both 1 and 2                        (d) Only 1



**Ans. (b) :** Rhine River is an important pathway for industrial activity in western Germany (not Northern Germany). Hence statement-I is incorrect. The part of Rotterdam is located at the mouth of Rhine river. It is the largest seaport in Europe. Hence statement-II is correct.

31. Consider the following statements with reference to Rudrama and choose the correct statements about her-

1. Rudrama was fourth independent ruler of Kakatiya dynasty of Warangal.
2. She defeated Pandyas of South Tamil Nadu, Eastern Ganga rulers of Orissa and Seuna rulers of Devgiri.

- (a) Only 1 (b) Neither 1 nor 2  
(c) Both 1 and 2 (d) Only 2

**Ans. (c) :** The Kakatiya dynasty was founded by Betaraju, who took the name Prola Raja in the early 12<sup>th</sup> century. Rudrama also known as Rudrama Devi was the fourth independent ruler of Kakatiya dynasty of Warangal. She defeated Pandyas of Southern Tamil Nadu. She also repulsed invasions by the Senas (Vadavas) rulers of Devgiri, Eastern Ganga rulers of Orissa and Gajapatis from north-east. Hence both the statements are correct.

32. Which of the following statements is/are correct?

- I. First Agricultural University was established at Pantnagar, Uttarakhand (erstwhile part of Uttar Pradesh) in 1960.
- II. During 1901-1905, six agricultural colleges were established at Kanpur, Pune, Sabour, Nagpur, Lyallpur and Coimbatore.

- Code :**  
(a) Neither I nor II (b) Only II  
(c) Only I (d) Both I and II

**Ans. (c) :** G.B Pant University of Agriculture and Technology, also known as Pantnagar University, is the first agricultural university of India. It is located at Pantnagar Uttarakhand. College of Agriculture at Kanpur, Sabour, Nagpur and Lyallpur were established between 1901-1905. Agriculture college Saidapet Chennai was established in 1868 and later located is Coimbatore during 1906. College of Agriculture at Pune was established in 1907. Hence only statement-I is correct, while statement 2 is incorrect.

33. The 6<sup>th</sup> Schedule of the Indian Constitution is related to the administration of Tribal areas of-

- (a) Assam, Arunachal Pradesh, Tripura & Mizoram
- (b) Assam, Tripura, Nagaland & Mizoram
- (c) Assam, Nagaland, Meghalaya & Mizoram
- (d) Assam, Meghalaya, Tripura & Mizoram

**Ans. (d) :** The 6<sup>th</sup> Schedule of Indian constitution is related to the administration of Tribal areas of Assam, Meghalaya, Tripura and Mizoram.

34. Match List-I and List-II and select the correct answer using the code given below

List-I (Country)	List-II (Total Medals won in Hangzhou, Asian Games-2023)
A. China	1. 190
B. Japan	2. 107
C. Republic of Korea	3. 383
D. India	4. 188

- Code :**
- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 3 2 4 1 | (b) 2 1 3 4 |
| (c) 1 2 4 3 | (d) 3 4 1 2 |

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

Country	Total medals won in Hangzhou, Asian Games 2023
China	– 383
Japan	– 188
Republic of Korea	– 190
India	– 107

35. Match List-I with List-II and choose the correct answer using the code given below

List-I	List-II
A. Vitamin-C	1. Night blindness
B. Folic Acid	2. Beri-Beri
C. Vitamin-A	3. Anemia
D. Vitamin-B1	4. Scurvy

- Code :**
- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 1 2 4 3 | (b) 4 3 1 2 |
| (c) 4 3 2 1 | (d) 2 3 1 4 |

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

List-I	List-II
Vitamin C	– Scurvy
Folic Acid	– Anemia
Vitamin-A	– Night blindness
Vitamin-B1	– Beri-Beri

36. What is correct in the following statements with reference to Uttar Pradesh?

- A. Age has been determined in Pre-primary education as 3 to 5 years.
- B. Age has been determined in Primary education as 6 to 11 years.

Select the correct answer from the following code :

Code :

- (a) Only B (b) Only A  
(c) Neither A nor B (d) Both A and B

**Ans. (d) :** In Uttar Pradesh 3-5 years of age has been determined for pre primary education and 6-11 years of age for primary education. Thus both statements are correct.

37. Consider the important events of coal minings in India and arrange these in correct chronological order starting from the earliest to the last activity -

- I. First production of coal in Raniganj
- II. Establishment of Coal India Ltd. (CIL)
- III. Nationalisation of coal mines
- IV. Establishment of National Coal Development Corporation (NCDC)

Select the correct answer using the code given below :

Code :

- (a) III, I, II, IV (b) I, III, II, IV  
(c) I, II, III, IV (d) I, IV, III, II

**Ans. (\*) :**

Activity	Year
First Production of coal in Raniganj	1774
Establishment of coal India Ltd (CIL)	1975
Nationalisation of coal mines	1946
National Coal Development Corporation (NCDC)	1963

Hence the correct Chronology of activity is I, III, IV, II.

38. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** The equatorial forest biome is the biome with the densest and highest biomass.

**Reason (R) :** There is high rainfall and high temperature throughout the year in the equatorial forest region.

Select the correct answer using the code given below :

Code :

- (a) (A) is false but (R) is true.  
(b) Both (A) and (R) are true and (R) is correct explanation of (A).  
(c) (A) is true but (R) is false.  
(d) Both (A) and (R) are true but (R) is not correct explanation of (A).

**Ans. (b) :** The equatorial forest biome is the biome with the densest and highest biomass because high rain fall and high temperature throughout the year in this region.

39. Consider the following statements with reference to Bankim Chandra Chattopadhyay–

1. He was the first graduate of Calcutta University.
2. 'Sitaram' was his last Novel.

Select the correct answer using the code given below :

Code :

- (a) Both 1 and 2 (b) Neither 1 nor 2  
(c) Only 1 (d) Only 2

**Ans. (a) :** Bankim Chandra Chattopadhyay was one of the first graduate of Calcutta University, which was founded in 1858.

Sitaram was his last Novel.

Hence both the statements are correct.

40. Consider the following events and arrange them in chronological order with the help of code given below –

- I. First phase of Bank Nationalisation
- II. Second phase of Bank Nationalisation
- III. Establishment of Regional Rural Banks
- IV. Establishment of NABARD

Code :

- (a) IV, II, III, I (b) III, II, I, IV  
(c) I, III, II, IV (d) I, II, IV, III

**Ans. (c) :**

Events	Year
First Phase of Bank Nationalisation	1969
Second Phase of Bank Nationalisation	1980
Establishment of Regional Rural Banks	1975
Establishment of NABARD	1982

Hence the correct Chronology is I, III, II, IV.

41. PIN in banking transaction is known as -

- (a) Postal Index Number  
(b) Permanent Identification Number  
(c) Personal Identification Number  
(d) None of the above

**Ans. (c) :** PIN in Banking transaction, stands for Personal Identification Number.

42. Which one of the following organisation declared Varanasi its first Tourism and Cultural Capital in 2023?

- (a) Shanghai Co-operation Organisation (SCO)  
(b) G-20  
(c) ASEAN  
(d) UNESCO

**Ans. (a) :** The Shanghai co-operation organisation (SCO) declared Varanasi its first Tourism and Cultural Capital in 2023.

43. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** Saline soils in India are not appropriate for cultivation of crops.

**Reason (R) :** Saline soils have high proportion of salt, largely because of dry climate and poor drainage.

Select the correct answer using the code given below :

**Code :**

- (a) Both (A) and (R) are true but (R) is not correct explanation of (A).
- (b) (A) is false but (R) is true.
- (c) (A) is true but (R) is false.
- (d) Both (A) and (R) are true and (R) is correct explanation of (A).

**Ans. (d) :** Saline soils in India are not appropriate for cultivation of crops because saline soils have high proportion of salt, largely because of dry climate and poor drainage.

44. With reference to the Burhan-ul-Mulk Saadat Khan, which of the following statements is/are correct?

1. Saadat Khan was the founder of Independent state of Awadh.
2. He took part in the conspiracy against the Sayyid Brothers.

Select the correct answer using the code given below:

**Code :**

- (a) Only 2
- (b) Both 1 and 2
- (c) Only 1
- (d) Neither 1 nor 2

**Ans. (b) :** Saadat Khan, also known as Burhan-ul-Mulk was the founder of the independent principality of Awadh. He took part in the conspiracy against the sayyid Brothers and overthrewed, them. Hence both the statements are correct.

45. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** Rabi crops in India are predominantly cultivated in north-western states like Punjab and Haryana.

**Reason (R) :** The success of Rabi crops in these states depends on the rain due to western tropical cyclones during winters.

Select the correct answer using the code given below :

**Code :**

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

**Ans. (d) :** Rabi crops, also known as winter crops does not are sown in winter and harvested in the spring in India. These are predominantly cultivated in north-western states like Punjab and Haryana. The success of Rabi crops in these states does not depends on the rain due to eastern tropical cyclones and western disturbance in winter. Hence, assertion (A) is correct and reason (R) is incorrect.

46. With reference to “Kuzbass region in Russia”, which of the following statements is/are correct?

1. This region is rich in coal and iron ore.
2. Novosibirsk is an important industrial centre of this region.

Select the correct answer using the code given below :

**Code :**

- (a) Both 1 and 2
- (b) Only 2
- (c) Only 1
- (d) Neither 1 nor 2

**Ans. (a) :** The Kuzbass region in Russia is rich in coal and iron ore. It is one of largest coal mining areas in Russia. The Novosibirsk is an important industrial centre of this region. The Novosibirsk region is known for aircraft industry nuclear industry, engineering industry, Power industry etc. Currently Novosibirsk is one of the leading suppliers of nuclear flue to the world power markets.

47. Two statements are given below, one is labelled as Assertion (A) and the other as Reason (R):

**Assertion (A) :** In October 1940, Gandhiji gave call for a limited Satyagraha by a few selected individuals.

**Reason (R) :** The Satyagraha was kept limited so as to embrace Britain's war efforts.

Select the correct answer using the code given below :

**Code :**

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

**Ans. (c) :** Gandhi ji launched a limited Individual Satyagraha in response to the August offer. It was a protest against the British Government and their inability to meet Indian demands. The satyagraha was kept limited so as to embrace Britain's war efforts. Hence both assertion (A) and reason (R) are correct and (R) is the correct explanation of (A).

**48. Which statement is true regarding Bipin Chandra Pal?**

1. He was a Brahmo Samaj Leader and Social Reformer.
2. A weekly magazine named New India was published.

Select the correct answer using the code given below :

**Code :**

- (a) Neither 1 nor 2                      (b) Both 1 and 2  
(c) Only 2                                      (d) Only 1

**Ans. (b) :** Bipin Chandra Pal was an Indian nationalist and freedom fighter. He was associated with Brahmo Samaj. He worked as writer, orator, social reformer. As a journalist, Pal worked for Bengal Public opinion, the Tribune and New India. Hence both statements are correct.

**49. Match List-I with List-II and select the correct answer using the code given below**

List-I (Oil Refineries)	List-II (States)
A. Barauni	1. Assam
B. Bongaigaon	2. Bihar
C. Bina	3. Gujarat
D. Koyali	4. Madhya Pradesh

**Code :**

A	B	C	D	A	B	C	D
(a) 2	4	3	1	(b) 3	1	4	2
(c) 1	2	3	4	(d) 2	1	4	3

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

Oil Refineries	States
Barauni	– Bihar
Bongaigaon	– Assam
Bina	– Madhya Pradesh
Koyali	– Gujarat

**50. If  $\frac{a}{h} + \frac{y}{b} = 1$  and  $\frac{b}{y} + \frac{z}{c} = 1$ , then  $\frac{h}{a} + \frac{c}{z}$  will be**

**equal to -**

- (a) 0    (b) 1  
(c)  $\frac{b}{y}$     (d) None of the above

**Ans. (b) :** Given -

$$\frac{a}{h} + \frac{y}{b} = 1$$

$$\frac{a}{h} = 1 - \frac{y}{b} = \frac{b-y}{b}$$

$$\therefore \frac{h}{a} = \frac{b}{b-y} \quad \dots\dots (i)$$

And

$$\frac{b}{y} + \frac{z}{c} = 1$$

$$\frac{z}{c} = 1 - \frac{b}{y} = \frac{y-b}{y}$$

$$\frac{c}{z} = \frac{y}{y-b} = \frac{-y}{(b-y)} \quad \dots\dots (ii)$$

By adding equation (i) and (ii) -

$$\frac{h}{a} + \frac{c}{z} = \frac{b}{b-y} + \frac{(-y)}{b-y} = \frac{b-y}{b-y}$$

$$\boxed{\frac{h}{a} + \frac{c}{z} = 1}$$

**51. Consider the following statements with reference to “Nandini Krishak Samriddhi Yojana” -**

1. This scheme includes milch cow breeds of Sahiwal, Gir, Tharparkar and Gangatiri only.
2. Beneficiary must have at least one year of cattle rearing experience.

Select the correct answer from the code given below :

**Code :**

- (a) Neither 1 nor 2                      (b) Only 2  
(c) Only 1                                      (d) Both 1 and 2

**Ans. (a) :** The Nandini Krishak Samriddhi Yojana, is launched by Uttar Pradesh Government. It is a part of Nand Baba Mission. This scheme includes 25 milching cow breeds and Beneficiary must have at least three year of cattle rearing experience. Hence none of above statements are correct.

**52. 15 bulbs each of 200 watt capacity in a Silkyara tunnel are illuminated continuously for 24 hours. The consumption of electricity will be -**

- (a) 71 units                                      (b) 72 units  
(c) 73 units                                      (d) None of the above

**Ans. (b) :** Total power consumed

$$= \frac{\text{Watt} \times \text{Hour}}{1000}$$

$$= \frac{200 \times 24}{1000}$$

$$= 4.8 \text{Unit}$$

So, Total power consumed in 15 bulb =  $15 \times 4.8 = 72 \text{Unit}$ .

53. Consider the following Mughal Emperors and arrange them in chronological order :

- I. Furrukhsiyar                      II. Jahandar Shah  
 III. Bahadur Shah                  IV. Muhammad Shah

Code :

- (a) III, II, I, IV                      (b) I, IV, II, III  
 (c) IV, II, I, III                      (d) I, III, IV, II

**Ans. (a) :** The correct chronological order of late Mughal emperors are- Bahadur Shah, Jahandar Shah, Farrukhsiyar and Muhammad Shah.

54. Match List-I with List-II and choose the correct answer using the code given below

List-I		List-II	
A. Merchandise Turnover	1.	$\frac{\text{Current Assets}}{\text{Current Liabilities}}$	
B. Current Ratio	2.	$\frac{\text{Liquid Assets}}{\text{Current Liabilities}}$	
C. Acid Test Ratio	3.	$\frac{\text{Net Profit before Interest \& Tax}}{\text{Total Assets}}$	
D. Gross Capital Employed	4.	$\frac{\text{Cost of Goods sold}}{\text{Average stock}}$	

Code :

- |     |          |          |          |          |  |          |          |          |          |   |
|-----|----------|----------|----------|----------|--|----------|----------|----------|----------|---|
|     | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |  | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |   |
| (a) | 4        | 1        | 2        | 3        |  | (b)      | 2        | 1        | 3        | 4 |
| (c) | 3        | 2        | 1        | 4        |  | (d)      | 4        | 3        | 1        | 2 |

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

List-I		List-II
Merchandise Turnover	-	Cost of good sold/Average stock
Current Ratio	-	Current Asset/ Current Liabilities.
Acid Test Ratio	-	Liquid Assets/Current Liabilities.
Gross Capital Employed	-	$\frac{\text{Net Profit before Interest \& Tax}}{\text{Total Assets}}$

55. Which among the following is the correct order mentioned in Preamble of the Indian Constitution?

- (a) Socialist, Secular, Sovereign, Democratic  
 (b) Sovereign, Socialist, Secular, Democratic  
 (c) Secular, Socialist, Sovereign, Democratic  
 (d) Sovereign, Secular, Socialist, Democratic

**Ans. (b) :** The correct order of term mentioned in preamble of Indian Constitution is- Sovereign, Socialist, Secular, Democratic and Republic.

56. Which statement is correct about Panchayati Raj?

- (a) The Panchayat Samiti and Zila Parishad are constituted with directly elected members.  
 (b) Minimum age is 18 years to contest the election at the Panchayat level.

- (c) Election of the Panchayati Raj Institutions is conducted under the supervision of the State Election Commission.  
 (d) None of the above

**Ans. (c) :** Article 243K of Indian constitution says Election of the Panchayati Raj Institutions is conducted under the supervision of the state Election commission.

57. With reference to "AGMARK", which of the following statements is/are correct?

1. "AGMARK" is the sign of quality of agricultural products.  
 2. Certificate of "AGMARK" is issued by Food Corporation of India.

Select the correct answer using the code given below :

Code :

- (a) Both 1 and 2                      (b) Only 2  
 (c) Only 1                              (d) Neither 1 nor 2

**Ans.(b) :** AGMARK is a certification mark for agricultural produce assuring that they conform to a grade standard.

Certificate of AGMARK is issued by the Directorate of Marketing and Inspection, Under the ministry of Agriculture and Farmers welfare. Hence only statement-I is correct.

58. With reference to Uttar Pradesh, which of the following statements is/are correct?

1. Uttar Pradesh is divided into 9 economic regions.  
 2. Uttar Pradesh has 11 agro-climatic zones.

Select the correct answer using the code given below :

Code :

- (a) Both 1 and 2                      (b) Neither 1 nor 2  
 (c) Only 2                              (d) Only 1

**Ans. (b) :** Uttar Pradesh is divided into 4 economic region, named as Eastern region, Western region, Central region, and Bundelkhand region and Utter Pradesh is divided in 9 agro climatic zones named as Terai, Western plains, Midwestern plains, Western semi-dry plains, Mid Western south plains, South-Western semidry plains, Bundelkhand, North-eastern plains and Vindhyachal. Hence none of above statements are correct.

59. Consider the following statements

1. Moradabad is renowned for copper work and has carved a niche for itself in the handicraft industry throughout the world.  
 2. Moradabad Special Economic Zone (SEZ) is the first SEZ in northern India developed by Uttar Pradesh Government.

Select the correct answer using the code given below :

Code :

- (a) Only 1                      (b) Both 1 and 2  
(c) Neither 1 nor 2        (d) Only 2

**Ans. (c) :** Moradabad is renowned for brass work and has carved a niche for itself in the handicraft industry through out the world.

Noida Special Economic Zone (SEZ) is the first SEZ in northern India developed by central Government. It was setup in 1985.

Hence both statements are corrects.

60. Given below are two statements. One is labelled as Assertion (A) and the other as Reason (R) :  
Assertion (A) : Jaunpur is known as Siraj-e-Hind.

Reason (R) : Jaunpur was a great centre of education during the Sharqi period.

Select the correct answer using the code given below :

Code :

- (a) (A) is true but (R) is false.  
(b) Both (A) and (R) are true and (R) is correct explanation of (A).  
(c) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(d) (A) is false but (R) is true.

**Ans. (b) :** Siraj-e-Hind, is the ancient name of the Jaunpur because it was a great centre of education during Sharqi Period. The city was founded by Firuz Shah Tughlaq in the memory of Mohammad bin Tughlaq.

61. Rocket works on the principle of the following :

- (a) Energy Conservation  
(b) Bernoulli Theorem  
(c) Conservation of Momentum  
(d) Avogadro's Concept

**Ans. (c) :** Rocket works on the principle of conservation of momentum. Principle of conservation of momentum states that the total momentum of a system is always conserved for an isolated system.

Some examples of law of conservation of momentum:-

Air filled balloons.

System of gun and bullet.

62. Regarding Punjab Merger, which of the following statement is false?

- (a) On 29<sup>th</sup> March, 1849, the Governor General announced that the state of Punjab had come to an end.  
(b) All the territories of Maharaja Duleep Singh became part of the Indian British Empire.

(c) Duleep Singh was given an annual pension of ₹ 2,50,000.

(d) None of the above

**Ans. (c) :** Punjab was annexed by the British in March 1849 as per the treaty of Lahore.

All territories of Maharaja Duleep Singh became part of the Indian British Empire. Duleep Singh was given an annual pension of ₹ 5,00,000.

Hence option (c) is incorrect.

63. 5 equivalent vertical lines are drawn on a board. 5 equidistant horizontal lines are also drawn on the board cutting the 5 vertical lines and the distance between any two consecutive horizontal lines is equal to that between any two consecutive vertical lines. What is the maximum number of squares, thus formed?

- (a) 16                              (b) 26  
(c) 30                              (d) None of the above

**Ans. (c) :** Maximum number of squares –

Number of square of 4 unit =  $1^2$

Number of square of 3 unit =  $2^2$

Number of square of 2 unit =  $3^2$

Number of square of 1 unit =  $4^2$

Total Number of square =  $4^2+3^2+2^2+1^2$

$$= 16 + 9 + 4 + 1$$

$$= 30$$

64. With reference to “69<sup>th</sup> National Film Awards for 2021”, which of the following statements is/are correct?

1. “RRR” and “Gangubai Kathiawadi” bagged 5 and 6 National Awards respectively.
2. “Rocketry : The Nambi Effect” won the best Feature Film Award.

Select the correct answer using the code given below :

Code :

- (a) Neither 1 nor 2        (b) Both 1 and 2  
(c) Only 2                      (d) Only 1

**Ans. (c) :** In 69<sup>th</sup> National Film Awards for 2021, RRR and Gangubai Kathiawadi bagged 6 and 5 national awards respectively. Hence statement-I is incorrect.

“Rocketry : The Nambi Effect” won the best Feature Film Award. Hence statement-II is correct.

65. In reference to Mangalayaan launched by ISRO, consider the following statements-

- I. It is also called as the Mars Orbiter Mission.
- II. It was launched on November 2013.

Select the correct answer using the code given below :

Code :

- (a) Neither I nor II      (b) Both I and II  
(c) Only I                      (d) Only II

**Ans. (b) :** The Mars orbiter Mission (MOM) unofficially known as Mangalyan was a space probe orbiting Mars since 2014. It was launched on 5 November 2013 by the Indian Space Research Organisation. Hence both statements are correct.

66. Which of the following statements is/are correct?

1. ITC means the credit of Input Tax on the supplies of goods and services or both received by a registered person.
2. Eligibility of ITC which may be as under-taxable supply, non-taxable supply, zero-rated supply.

Code :

- (a) Both 1 and 2      (b) Only 2  
(c) Neither 1 nor 2      (d) Only 1

**Ans. (a) :** Input tax credit or ITC means the credit of input tax on the supplies of goods and services or both received by a registered person. Hence statement-I is correct.

Credit of input tax may be availed for under taxable supply, non taxable supply, zero rated supply. Hence statement-II is also correct.

67. Which of the following statements is/are incorrect?

- A. Part III on Fundamental Rights of the Constitution is based upon Bill of Rights of the U.S.A.
- B. "Right to Die" is a Fundamental Right under Article 21 of the Constitution.
- C. India Constitution is a complete Federal Constitution.
- D. Fundamental Right can be removed under the Indian Constitution.

Code :

- (a) Only B and C      (b) Only C and D  
(c) Only B                      (d) Only B, C and D

**Ans. (d) :** Part-III on Fundamental Rights of the constitution is based upon Bill of Rights of USA. Hence statement-I is correct.  
'Right to Die' is not a Fundamental Right in Indian constitution Hence Statement-II is incorrect.  
Indian constitution is a Federal constitution. Hence statement-III is incorrect.  
Fundamental Rights are basic structure of the constitution, and cannot be removed under Indian constitution.  
Hence statement IV is incorrect.

68. Match List-I with List-II and choose the correct answer using the code given below

	List-I (Name of Academy)	List-II (Year of Establishment)	
A.	Rajya Lalit Kala Academy, Lucknow	1.	1986
B.	Uttar Pradesh Sangeet Natak Academy, Lucknow	2.	1975
C.	Bhartendu Natya Academy, Lucknow	3.	1963
D.	Ayodhya Shodh Sansthan, Ayodhya	4.	1962

Code :

- |     | A | B | C | D |     | A | B | C | D |
|-----|---|---|---|---|-----|---|---|---|---|
| (a) | 4 | 3 | 2 | 1 | (b) | 3 | 4 | 1 | 2 |
| (c) | 4 | 3 | 1 | 2 | (d) | 3 | 2 | 4 | 1 |

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

Name of Academy	Year of Establishment	
Rajya Lalit Kala Academy, Lucknow	–	1962
Uttar Pradesh Sangeet Natak Academy, Lucknow	–	1963
Bhartendu Natya Academy, Lucknow	–	1975
Ayodhya Shodh Sansthan, Ayodhya	–	1986

69. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** The Constitution vests the Executive Power of the Union in the President of India.

**Reason (R) :** The President of India is the Constitutional Head of the State.

Select the correct answer using the code given below :

Code :

- (a) Both (A) and (R) are true and (R) is correct explanation of (A).  
(b) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(c) (A) is false but (R) is true.  
(d) (A) is true but (R) is false.

**Ans. (a) :** Article-53 of the Indian constitution says. The executive power of the Union Vest in the President of India because of President of India is the constitutional Head of the state.  
Hence both assertion (A) and reason (R) both are correct and are correct explanation of (A).

70. With reference to 'Victoria Falls in Africa', which of the following statements is/are correct?

1. It is located on the border of Zambia and Mozambique.

2. It is situated on Zambezi River.

Select the correct answer using the code given below :

Code :

- (a) Only 1 (b) Both 1 and 2  
(c) Only 2 (d) Neither 1 nor 2

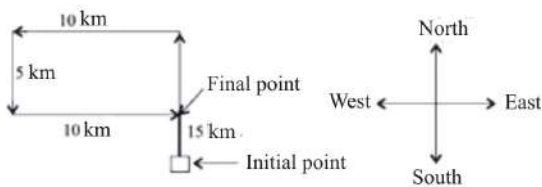
**Ans. (c) :** Victoria fall is situated on Zambezi river in Southern Africa. It is located on the border between Zambia and Zimbabwe.

Hence only statement-2 is correct.

71. From his house, Lokesh went 15 kms to the north. Then he turned west and covered 10 kms. Then he turned south and covered 5 kms. Finally turning to east, he covered 10 kms. In which direction is he from his house?

- (a) East (b) West  
(c) North (d) None of the above

**Ans. (c) :**



Hence, Now Lokesh is north direction from his house.

72. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** Significant technical and institutional reforms in Indian agriculture are required to feed the growing population.

**Reason (R) :** A significant number of farmers in many parts in India still rely on monsoon rains and natural soil fertility for agriculture.

Select the correct answer using the code given below :

Code :

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

**Ans. (d) :** Significant technical and institutional reforms in Indian Agriculture are required to feed the growing population because of significant number of

farmers in many parts in India still rely on monsoonal rain fall and natural soil fertility for agriculture.

Hence, assertion (A) and reason (R) both are correct and (R) is correct explanation of A.

73. Which state of India is renowned for its deposits of limestone, gypsum, salt and zinc?

- (a) Haryana (b) Rajasthan  
(c) Gujarat (d) Punjab

**Ans. (b) :** Almost entire production of natural gypsum and zinc comes from Rajasthan. Apart from this Rajasthan is also major producer of limestone and zinc.

74. One fourth of the sum of the odd numbers greater than 14 but less than 50 is the square of-

- (a) 2 (b) 24  
(c) 4 (d) None of the above

**Ans. (d) :** The odd numbers greater than 14 but less than 50 = 15, 17, 19 ..... 47, 49

total odd numbers = 18

Summation of odd numbers greater than 14 but less than 50 =  $\frac{18}{2}[15 + 49] = 9 \times 64 = 576$

One fourth of sum =  $\frac{576}{4} = 144$

Square roots of 144 =  $\sqrt{144} = 12$

75. With reference to the Gaza Strip, which of the following statements is/are correct?

1. It is bordered by Egypt.  
2. It is bordered by Israel.

Select the correct answer using the code given below :

Code :

- (a) Only 1 (b) Neither 1 nor 2  
(c) Both 1 and 2 (d) Only 2

**Ans. (c) :** Gaza strip is densely populated enclave 41 km long and 10 km wide 1 bounded by the Mediterranean Sea on one side and fenced off from Israel and Egypt at its borders.

76. Consider the following statements with reference to the Uttar Pradesh Global Investors Summit-2023 -

1. The Summit was held in Lucknow.  
2. The Summit was inaugurated by the President of India.

Select the correct answer using the code given below :

Code :

- (a) Only 1 (b) Neither 1 nor 2  
(c) Only 2 (d) Both 1 and 2



**Ans. (a) :** Uttar Pradesh Global Investors Summit, 2023 was held in Lucknow. It was inaugurated by Prime Minister (not President). Thus only statement 1 is correct.

77. Which one of the following pairs (Visitable places - Districts of U.P.) is correctly matched?

- (a) Devi Patan Temple - Shravasti  
 (b) Chinese Temple - Mahoba  
 (c) Bawani Imali, Shaheed Memorial - Fatehpur  
 (d) Samaspur Bird Sanctuary - Amethi

**Ans. (c) :** The correct match of visitable places with their districts are as follows –

Visitable Place	District
Devipatan Temple	Balrampur
Chinese Temple	Varanasi
Bawani Imli Shaheed Memorial	Fatehpur
Samaspur Bird Sanctuary	Raebareli

78. Which one of the following (Boards in India - Headquarter) is not correctly matched?

- (a) Coffee Board - Hyderabad  
 (b) Tea Board - Kolkata  
 (c) Spices Board - Kochi  
 (d) Rubber Board - Kottayam

**Ans. (a) :** The correct match of Boards in India with their headquarter are as follows –

Board	Headquarter
Coffee Board	Bengaluru
Tea Board	Kolkata
Spices Board	Kochi
Rubber Board	Kottayam

79. Match List-I with List-II and select the correct answer from the code given below

- | List-I<br>(Capital City) | List-II<br>(Country)                |
|--------------------------|-------------------------------------|
| A. Kampala               | 1. Rwanda                           |
| B. Kigali                | 2. Uganda                           |
| C. Kinshasa              | 3. Sudan                            |
| D. Khartoum              | 4. Democratic Republic of the Congo |

**Code :**

- | A     | B | C | D | A     | B | C | D |
|-------|---|---|---|-------|---|---|---|
| (a) 1 | 2 | 4 | 3 | (b) 1 | 2 | 3 | 4 |
| (c) 2 | 1 | 4 | 3 | (d) 2 | 1 | 3 | 4 |

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

Capital City	Country
Kampala	Uganda
Kigali	Rwanda
Kinshasa	Democratic Republic of Congo
Khartoum	Sudan

80. The correct sequence from north to south of the various passes called Ghats in the Western Ghats is-

- (a) Thal Ghat → Pal Ghat → Bhore Ghat  
 (b) Thal Ghat → Bhore Ghat → Pal Ghat  
 (c) Bhore Ghat → Thal Ghat → Pal Ghat  
 (d) Bhore Ghat → Pal Ghat → Thal Ghat

**Ans. (b) :** The correct sequence of passes in western Ghats from North to South are- Thal Ghat-Bhore Ghat-Pal Ghat.

81. Match List-I and List-II and choose the correct answer using the code given below

- | List-I<br>(Gold Medalists) | List-II<br>(Game)   |
|----------------------------|---------------------|
| A. Annu Rani               | 1. 5000 metre       |
| B. Parul Chaudhary         | 2. Javelin throw    |
| C. Tajinderpal Singh Toor  | 3. 10 m. air pistol |
| D. Palak Gulia             | 4. Shot put         |

**Code :**

- | A     | B | C | D | A     | B | C | D |
|-------|---|---|---|-------|---|---|---|
| (a) 2 | 1 | 4 | 3 | (b) 1 | 2 | 4 | 3 |
| (c) 2 | 4 | 3 | 1 | (d) 1 | 2 | 3 | 4 |

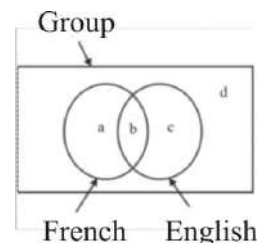
**Ans. (a) :** The correct match is as follows –

Gold Medalists	Game
Annu Rani	Javelin Throw
Parul Chaudhary	5000 Meter
Tajinderpal Singh Toor	Shot put
Palak Gulia	10 M Air Pistol

82. In a group of 25 people, 12 read French, 15 read English while 6 of them read none of these two. How many of them read French and English both?

- (a) 0  
 (b) 8  
 (c) 4  
 (d) None of the above

**Ans. (b) :**



As per question -

$$a + b + c + d = \dots(i)$$

$$\text{People who read French, } (a + b) = 12 \dots(ii)$$

$$\text{People who read English, } (b + c) = 15 \dots(iii)$$

$$\text{People who does not read French and English, } d = 6 \dots(iv)$$

From equation (i) & (iv)  
 $(a + b + c + d) - (d) = 15 - 6$   
 $a + b + c = 19$  .....(v)  
 From equation (v) & VI  
 $(a + 2b + c) - (a + b + c) = 27 - 19$   
 $b = 8$

Hence, total 8 people, who read French & English both.

83. Match List-I with List-II and choose the correct answer using the code given below

- |                            |                              |
|----------------------------|------------------------------|
| <b>List-I</b><br>(Product) | <b>List-II</b><br>(District) |
| A. Kala Namak Rice         | 1. Pratapgarh                |
| B. Desi Ghee               | 2. Kushinagar                |
| C. Amla                    | 3. Siddharth Nagar           |
| D. Banana Fiber            | 4. Auraiya                   |

Code :

- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 2 3 4 1 | (b) 3 2 1 4 |
| (c) 3 4 1 2 | (d) 4 3 2 1 |

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

Pruduct	District
Kala Namak Rice	Siddharth Nagar
Desi Ghee	Auraiya
Amla	Pratapgarh
Banana Fiber	Kushinagar

84. With reference to Tulsidas, which of the following statements is/are correct?

- Tulsidas was born in a village named Rajapur in Banda District.
- His wife's name was Geetawali.

Select the correct answer using the code given below :

Code :

- |            |                     |
|------------|---------------------|
| (a) Only 1 | (b) Both 1 and 2    |
| (c) Only 2 | (d) Neither 1 nor 2 |

Ans. (c) : Tulsidas was born in Rajapur in the district of Banda in Uttar Pradesh in 1532 AD. His Father's name was Atmaram Dube and Mother's name was Huls. He was married to Ratnavali.

85. If a clock gains four minutes every hour, the angles traversed by the seconds hand in one minute will be-

- |          |                       |
|----------|-----------------------|
| (a) 360° | (b) 360.5°            |
| (c) 384° | (d) None of the above |

Ans. (c) : Given,

Clock gains four minutes in every hour.

Hence, the clock gain in 4 minute =  $\frac{4}{60} = \frac{1}{15}$  minute

Thus, angle in 1/15 minute =  $\frac{1}{15} \times 360 = 24^\circ$

Hence, the angles traversed by the second hand in one minute will be =  $360 + 24 = 384^\circ$

86. Match List-I with List-II and choose the correct answer using the code given below the lists

- |                |  |
|----------------|--|
| <b>List-I</b>  | <b>List-II</b>                         |
| A. Article-26  | 1. Administration of Union Territories |
| B. Article-40  | 2. Secretariat of Parliament           |
| C. Article-98  | 3. Freedom to manage religious affairs |
| D. Article-239 | 4. Organisation of Village Panchayats  |

Code :

- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 3 4 2 1 | (b) 3 4 1 2 |
| (c) 3 1 2 4 | (d) 4 3 2 1 |

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

Articles	Provision
Article 26	Freedom to manage religious affairs
Article 40	Organisation of Village Panchayats
Article 98	Secretariat of Parliament
Article 239	Administration of Union Territories

87. According to the 2011 Census of India, the percentage of India's urban population was-

- |           |                       |
|-----------|-----------------------|
| (a) 30.7% | (b) 31.2%             |
| (c) 31.8% | (d) None of the above |

Ans. (b) : As per 2011 census total urban population of India is 31.16% (31.2%)

88. Match List-I and List-II and select the correct answer using the code given below

- |                             |                               |
|-----------------------------|-------------------------------|
| <b>List-I</b><br>(Mountain) | <b>List-II</b><br>(Continent) |
| A. Andes                    | 1. Europe                     |
| B. Altai                    | 2. North America              |
| C. Alps                     | 3. Asia                       |
| D. Appalachian              | 4. South America              |

Code :

- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 1 3 4 2 | (b) 4 3 2 1 |
| (c) 4 3 1 2 | (d) 3 4 1 2 |

Ans. (c) : The correct match of mountain with continent are as follows –

Mountain	Continent
Andes	South America
Altai	Asia
Alps	Europe
Appalachian	North America

89. If in a certain code, CORPORATIONS is written as PROCTAROSNOI, then how is JUDICIAL written in that code?

- (a) IDUJLAIC (b) UJIDLAIC  
(c) UJIDICLA (d) None of the above

Ans. (a) :

Just as -



Same as -



Hence, JUDICIAL can be written as IDUJLAIC

90. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** The Bengal British Indian Society was founded in 1843 as a result of George Thompson's efforts.

**Reason (R) :** George Thompson was brought out from England by Dwarkanath Tagore to organise the political movements.

Select the correct answer using the code given below :

Code :

- (a) (A) is true but (R) is false.  
(b) (A) is false but (R) is true.  
(c) Both (A) and (R) are true and (R) is correct explanation of (A).  
(d) Both (A) and (R) are true but (R) is not correct explanation of (A).

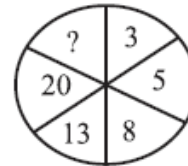
Ans. (a) : The Bengal British India Society was founded in 1843 as a result of efforts of George Thomson. The Bengal British India Society was the second politically inclined public association to be formed in British India, the first being the zamindari Association. Statement-1 is correct. George Thompson came to India after death of Dwarkanath Tagore. Thus statement 2 is incorrect.

91. Find missing number in the following figure



- (a) 1 (b) 26  
(c) 31 (d) None of the above

Ans. (c) :



Here, missing number can be find by adding prime number to the previous number.

92. Consider the following statements with reference to National Book Fair

1. It was organized at Lucknow from September 22 to October 2, 2023.

2. It was organized by Government of India.

Select the correct answer from the code given below :

Code :

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

Ans. (a) : National book fair was organized at Balrampur Garden Lucknow from September 22 to October, 3 2023. It was organized by Manoj Chandel. Thus none of the statements are correct.

93. Given below are two statements, in which one is Assertion (A) and the other is Reason (R) :

**Assertion (A) :** Narges Mohammadi was awarded Nobel Peace Prize for 2023.

**Reason (R) :** She fights in the favour of freedom of Press.

Select the correct answer using the code given below :

Code :

- (a) (A) is false but (R) is true.  
(b) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(c) Both (A) and (R) are true and (R) is correct explanation of (A).  
(d) (A) is true but (R) is false.

Ans. (d) : Narges Mohammadi is an Iranian human rights activist. She was awarded Nobel Peace Prize 2023 for her fight against the opperession of women in Iran and her fight to promote human rights and freedom for all.

Hence, assertion (A) is true while reason (R) is false.

94. Consider the following statements with reference to Uttar Pradesh :

1. Ayurveda Mahotsava 2023 was organised in Jhansi.
2. Taj Mahotsava 2023 was organised in state capital, Lucknow.

Select the correct answer from the code given below :

Code :

- (a) Only 1 (b) Neither 1 nor 2  
(c) Only 2 (d) Both 1 and 2

**Ans. (b) :** Ayurveda Mahotsava 2023 was organised in Thiruvananthapuram in Kerala. Taj Mahotsava 2023 was organised in Lucknow. Thus both statement are incorrect.

95. Match List-I with List-II and select the correct answer using the code given below :

- |                       |                          |
|-----------------------|--------------------------|
| <b>List-I</b>         | <b>List-II</b>           |
| <b>(Painting)</b>     | <b>(State)</b>           |
| <b>A. Madhubani</b>   | <b>1. Odisha</b>         |
| <b>B. Lepakshi</b>    | <b>2. Maharashtra</b>    |
| <b>C. Pattachitra</b> | <b>3. Andhra Pradesh</b> |
| <b>D. Warli</b>       | <b>4. Bihar</b>          |

Code :

- |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |
| (a) 4    | 1        | 2        | 3        | (b) 4    | 3        | 2        | 1        |
| (c) 4    | 2        | 3        | 1        | (d) 4    | 3        | 1        | 2        |

**Ans. (d) :** The correct match of painting with state –

Painting	State
Madhubani	Bihar
Lepakshi	Andhra Pradesh
Pattachitra	Odisha
Warli	Maharashtra

96. Consider the following and arrange these in increasing order of frequency :

- |                           |                         |
|---------------------------|-------------------------|
| <b>I. X-rays</b>          | <b>II. Visible rays</b> |
| <b>III. Infrared rays</b> | <b>IV. Radio waves</b>  |

Select the correct answer using the code given below :

Code :

- (a) II, III, IV, I (b) IV, III, II, I  
(c) I, II, III, IV (d) III, II, I, IV

**Ans. (b) :** The waves in increasing order of frequency are as follows-  
Radio waves followed by Infrared rays, Visible rays, X rays.

97. Consider the following statements with reference to Uttar Pradesh Sangeet Natak Academy-

1. It was established in the year 1965.
2. It is located at Varanasi.

Select the correct answer from the code given below :

Code :

- (a) Only 1 (b) Neither 1 nor 2  
(c) Both 1 and 2 (d) Only 2

**Ans. (b) :** Uttar Pradesh Sangeet Natak Academy was established in 1963. It is located at Lucknow.

98. Which of the following statements is/are correct?

- I. The sugar industry was initially located in Uttar Pradesh.
- II. The low yield of sugarcane, short crushing seasons, unsatisfactory location of industries created problems in producing sugar.

Code :

- (b) Neither I nor II (a) Only I  
(c) Both I and II (d) Only II

**Ans. (c) :** The sugar industry was initially located in North India. However continental climate, low yield of sugarcane, short crushing seasons created problems in producing sugar.

99. Who was the first to use the word 'Megapolis'?

- (a) Jean Gottmann (b) Taylor  
(c) Davis (d) None of the above

**Ans. (a) :** Jean Gottmann a professor of political science at the university of Paris in his extensive studies applied the term Megalopolis to an analysis of urbanized northeastern seaboard of the unit it states of America.

100. Which one of the following is the correct sequence of administrative division during the Gupta Period?

- (a) Bhukti → Vishaya → Vithi → Grama  
(b) Vishaya → Bhukti → Vithi → Grama  
(c) Vithi → Bhukti → Vishaya → Grama  
(d) None of the above

**Ans. (a) :** The correct sequence of administrative division during the Gupta Period is -  
Bhukti → Vishaya → Vithi → Grama

101. Consider the following statements with reference to Scheduled areas -

1. The President of India notifies Scheduled areas.
2. State with scheduled areas need to constitute a Tribal Advisory Council.

Select the correct answer from the code given below :

Code :

- (a) Neither 1 nor 2 (b) Only 2  
(c) Both 1 and 2 (d) Only 1

**Ans. (c) :** The President of India notifies India's Scheduled Areas. States with Scheduled Areas need to constitute a Tribal Advisory Council with upto 20 members. Hence, both statements are correct.

**102. Consider the following statements with respect to Directive Principles of State Policy :**

1. They are not enforceable by the Courts.
2. It shall be the duty of the State to apply these Principles in making laws.

Select the correct answer using the code given below :

Code :

- (a) Only 1 (b) Both 1 and 2  
(c) Only 2 (d) Neither 1 nor 2

**Ans. (b) :** Article 36-51, under Part-IV of Indian Constitution deals with Directive Principles of State Policy (DPSP), it is borrowed from Ireland. They are not enforceable by the courts but these principles should apply by the states in making the laws. Hence, both statements are correct.

**103. Match List-I with List-II and select the correct answer using the code given below :**

<b>List-I</b>	<b>List-II</b>
(Coal Based Power Plant)	(Located in State)

- |   |  |
|---|--|
| <p><b>A. Kahalgaon</b><br/><b>B. Khargone</b><br/><b>C. Korba</b><br/><b>D. Kudgi</b></p> | <p><b>1. Madhya Pradesh</b><br/><b>2. Bihar</b><br/><b>3. Karnataka</b><br/><b>4. Chhattisgarh</b></p> |
|---|--|

Code :

- |                |                |
|----------------|----------------|
| <b>A B C D</b> | <b>A B C D</b> |
| (a) 2 1 3 4    | (b) 1 2 4 3    |
| (c) 1 2 3 4    | (d) 2 1 4 3    |

<b>Ans. (d) : List-I</b>	<b>List-II</b>
Coal based power plant	Located in State
Kahalgaon	Bihar
Khargone	Madhya Pradesh
Korba	Chhattisgarh
Kudgi	Karnataka

**104. Consider the following statements with reference to coal -**

1. India is one of the world's leading producer of coal.
2. India has vast coal reserves in states like Jharkhand and Chhattisgarh.

Select the correct answer from the code given below :

Code :

- (a) Both 1 and 2 (b) Only 1  
(c) Neither 1 nor 2 (d) Only 2

**Ans. (a) :** As per mineral data report, India is one of the world's leading producer of coal and India has vast coal reserves in states like Jharkhand and Chhattisgarh.

Hence, both statements are correct.

**105. Match List-I with List-II and choose the correct answer using the code given below :**

<b>List-I</b>	<b>List-II</b>
(Important Days)	(Date)

**A. World Population Day** 1. March 03

**B. World Wildlife Day** 2. July 11

**C. World Ozone Day** 3. April 07

**D. World Health Day** 4. September 16

Code :

- |                |                |
|----------------|----------------|
| <b>A B C D</b> | <b>A B C D</b> |
| (a) 2 1 3 4    | (b) 1 2 3 4    |
| (c) 2 1 4 3    | (d) 1 3 4 2    |

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

Important Days	Date
World Population Day	– July 11
World Wildlife Day	– March 03
World Ozone Day	– September 16
World Health Day	– April 07

**106. With reference to the “Great Barrier Reef”, which of the following statements is/are correct**

1. It is situated along the north-eastern coast of Australia.
2. It is more than 2500 kms in length.

Select the correct answer using the code given below :

Code :

- (a) Neither 1 nor 2 (b) Both 1 and 2  
(c) Only 2 (d) Only 1

**Ans. (d) :** The Great Barrier Reef is a site of remarkable variety and beauty on the north-east coast of Australia. It contains the world's largest collection of coral reefs, with 400 types of coral, 1,500 species of fish and 4,000 types of molls. It is approximately 2300 Kilometers long. Thus Only Statement (1) is correct.

107. If the day before yesterday was Sunday, what day will it be three days after the day after tomorrow?

- (a) Sunday (b) Monday  
(c) Wednesday (d) None of the above

**Ans. (a) :**

Sunday	→	Day before yesterday
Monday	→	Yesterday
Tuesday	→	Today
Wednesday	→	Tomorrow
Thursday	→	Day after tomorrow
Friday (+1)		
Saturday (+2)		
Sunday (+3)		

108. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

**Assertion (A) :** A condition is a stipulation which is essential to the main purpose of the contract.

**Reason (R) :** A breach of condition gives a right to claim damages and not a right to repudiate the contract.

Select the correct answer using the code given below :

**Code :**

- (a) (A) is true but (R) is false.  
(b) Both (A) and (R) are true but (R) is not correct explanation of (A).  
(c) Both (A) and (R) are true and (R) is correct explanation of (A).  
(d) (A) is false but (R) is true.

**Ans. (a) :** A condition is a stipulation which is essential to main purpose of the contract A breach of condition gives a right to claim damages and also gives right to repudiate the contract. Thus Assertion is correct and Reason is incorrect.

109. The cause of "Minamata" disease is –

- (a) Cadmium polluted water  
(b) Lead polluted water  
(c) Mercury polluted water  
(d) Chromium polluted water

**Ans. (c) :** Minamata disease is a poisoning disease that nervous system, mainly central nervous system is damaged by methyl mercury. It is caused by intake of Mercury polluted water

110. With reference to the mechanical properties of solids, which of the following statements is/are correct?

1. The Young's Modulus of rubber is greater than that of steel.

2. The stretching of a coil is determined by its Shear Modulus.

- (a) Only 2 (b) Only 1  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (a) :** The young's Modulus of steel is greater than rubber. Thus statement 1 is incorrect. The shear modulus is a measure of material's stiffness, it is also known as modulus of rigidity, the stretching of a coil is determined by its shear modulus. Hence, only statement-2 is correct.

111. Census for the first time in India was conducted during the British era in the tenure of

- (a) Lord Dufferin (b) Lord Lytton  
(c) Lord Mayo (d) None of the above

**Ans. (c) :** Census for the first time in India was conducted during the British era in the tenure of Lord Mayo. It is popularly known as Census of 1872.

112. With reference to G-20 Summit 2023, which one of the following (Participating Countries - Participated Head) is not correctly matched?

- (a) Argentina - Alberto Fernandez  
(b) Canada - Justin Trudeau  
(c) Australia - Anthony Albanese  
(d) Brazil - Joko Widodo

**Ans. (d) :** In 2023, G-20 summit Brazil's President Luiz Inacio Lula da Silva (not by Joko Widodo) participated as Head of state.

113. With reference to Preservation of Wildlife in India, which of the following statements is/are correct?

1. The Wildlife (Protection) Act, 1972 provides legal framework for the protection of wild animals only.

2. Project Elephant aim to conserve wild Asian elephants only.

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (d) :** The Wildlife Protection Act 1972 provides protection to both plant and animals. Thus statement 1 is incorrect.

Project Elephant aims to conserve wild elephants as well as it aims for welfare of captive elephants. Thus statement 2 is incorrect.

114. The height of Ramesh is 5 feet. What will be the height of Ramesh in nanometer (nm)?

- (a)  $152.5 \times 10^7$  nm (b)  $152.5 \times 10^8$  nm  
(c)  $152.5 \times 10^9$  nm (d) None of the above

**Ans. (d) :** Given,  
 1 feet= 12 Inch  
 1 Inch= 2.52 cm  
 5 feet=  $5 \times 12 \times 2.54$  cm  
 = 152.4 सेमी  
 $\{1 \text{ Nanometer } 10^{-9} \text{ m} = 10^{-7} \text{ cm}\}$   
 $\therefore 1 \text{ cm} = 10^7 \text{ nanometer}\}$   
 5 feet  $152.4 \times 10^7 \text{ Nanometer}$

**115. Which one of the following is the correct sequence of States with decreasing population density according to the 2011 Census of India?**

- West Bengal, Bihar, Uttar Pradesh, Kerala
- Bihar, West Bengal, Uttar Pradesh, Kerala
- West Bengal, Bihar, Kerala, Uttar Pradesh
- Bihar, West Bengal, Kerala, Uttar Pradesh

**Ans. (c) :** As per census 2011 the correct sequence of states with decreasing population density is as follows-

Bihar – 1106  
 West Bengal – 1028  
 Kerala – 860  
 Uttar Pradesh – 829

**116. Consider the following statements with reference to India Smart City Conclave, 2023 –**

- It was hosted by Indore city.
- It was organised in the month of September.

Select the correct answer from the code given below :

**Code :**

- Both 1 and 2
- Only 1
- Only 2
- Neither 1 nor 2

**Ans. (a) :** India smart city conclave 2023 was organised at Indore on 26-27 September 2023. Thus both statements are correct.

**117. Arrange the following Acts in their chronological order and select the correct answer from the code given below :**

- Lex - Loci Act
- Bengal Tenancy Act
- Age of Consent Act
- Indian University Act

**Code :**

- I, IV, II and III
- IV, I, II and III
- I, III, II and IV
- I, II, III and IV

**Ans. (d) :** The Act in their chronological order as follows -

Lex - Loci Act	–	1850
Bengal Tenancy Act	–	1885
Age of Consent Act	–	1892
Indian University Act	–	1902

**118. Which of the following pairs is not correctly matched?**

- Adam Smit - Wealth of Nations
- J.M. Keynes - General Theory of Employment, Interest and Money
- Gunnar Myrdal - Asian Drama
- Karl Marx - Principles of Political Economy and Taxation

**Ans. (d) :** The book Principles of political economy and taxation was written by David Ricardo not by Karl Marx. Hence pair (b) is not correctly matched while rest pairs are correctly matched.

**119. Which statements is/are correct regarding the book 'Mirat-e-Sikandari'?**

- There is a description of the happiness and prosperity of the Kingdom of Sultan Mahmud Begada of Gujarat.
- There is a description of proper arrangement for the security of trade routes.

Select the correct answer from the code given below :

**Code :**

- Only 1
- Neither 1 nor 2
- Both 1 and 2
- Only 2

**Ans. (c) :** The book Mirat-e-Sikandari was written by Sikander Bin. Muhammad Majhu, the book describes the happiness and prosperity of kingdom of Sultan Mahmud Begada of Gujarat and also describes proper arrangement for the security of trade routes. Hence, both statements are correct.

**120. Which of the following Manganese producing area is not located in Karnataka?**

- Bellary
- Chikmagalur
- Shimoga
- Srikakulam

**Ans. (d) :** Among the options Bellary, Chikmagalur and Shimoga known for manganese producing area located in Karnataka while Srikakulam is manganese producing area located in Andhra Pradesh.

**121. Which of the following country/countries is not part of the Arabian Peninsula?**

- Oman
- Iraq
- Kuwait
- Syria

Select the correct answer from the code given below :

**Code :**

- 2 and 4 both
- 2 and 3 both
- Only 4
- Only 1

**Ans. (c) :** The Arabian Peninsula includes Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, The United Arab Emirates, Yemen, Southern Iraq and Jordan, Hence, Syria is not the part of Arabian Peninsula.

122. Which one of the following Payloads was used in Chandrayaan-3 Mission to determine the elemental composition (Mg, Al, Si, K, Ca, Ti, Fe) of lunar soil and rocks around the lunar landing site?

- (a) ILSA (b) LRA  
(c) APXS (d) None of the above

**Ans. (c) :** Alpha Particle X-ray Spectrometer (APXS) is a spectrometer that analyses the chemical element composition, it determine the elemental composition (Mg, Al, Si, K, Ca, Ti, Fe) of Lunar soil and rocks around the lunar landing site.

123. Match List-I with List-II and choose the correct answer using the code given below:

List-I (Banks)	List-II (Year of Foundation)
A. Allahabad Bank	1. 1874
B. Punjab National Bank	2. 1881
C. Awadh Commercial Bank	3. 1865
D. The Alliance Bank of Shimla	4. 1894

Code :

- | A     | B | C | D | A     | B | C | D |
|-------|---|---|---|-------|---|---|---|
| (a) 1 | 2 | 3 | 4 | (b) 3 | 4 | 2 | 1 |
| (c) 2 | 1 | 3 | 4 | (d) 4 | 3 | 2 | 1 |

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

Bank	Year of foundation
Allahabad Bank	– 1865
Punjab National Bank	– 1894
Awadh Commercial Bank	– 1881
The Alliance Bank of Shimla	– 1874

124. With reference to the Marine Products Export Development Authority (MPEDA), which of the following statements is/are correct?

- MPEDA was established in 1972.
- It is headquartered in Kolkata.

Select the correct answer using the code given below :

Code :

- (a) Neither 1 nor 2 (b) Only 2  
(c) Only 1 (d) Both 1 and 2

**Ans. (c) :** The Marine Product Export Development Authority (MPEDA) was set up by an act of Parliament during 1972. It is headquartered in Kochi, Kerala. Hence, statement-2 is incorrect while statement-1 is correct.

125. Match List-I with List-II and select the correct answer from the code given below :

List-I (Schemes)	List-II (Launching Year)
A. P.M. Garib Kalyan Package	1. 2014
B. Muskan Scheme	2. 2020
C. Mission Indradhanush	3. 2018
D. Pradhan Mantri Jan Arogya Yojana	4. 2021

Code :

- | A     | B | C | D | A     | B | C | D |
|-------|---|---|---|-------|---|---|---|
| (a) 2 | 4 | 1 | 3 | (b) 3 | 1 | 4 | 2 |
| (c) 4 | 3 | 2 | 1 | (d) 1 | 2 | 3 | 4 |

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

Schemes	Launching year
P.M. Garib Kalyan Package	– 2020
Muskan Scheme	– 2021 (2022)
Mission Indradhanush	– 2014
Pradhan Mantri Jan Arogya Yojana	– 2018

126. Given below are two statements. One is labelled as Assertion (A) and the other as Reason (R) :  
Assertion (A) : Accounting is the language of business.

Reason (R) : Accounting provides all information needed by a businessman.

Select the correct answer using the code given below :

Code :

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

**Ans. (a) :** Accounting is the language of business, accounting provides all information needed by a businessman. Accounting is the process of keeping track of all financial transactions within a business, such as any money coming in and money going out. Hence, assertion (A) and reason (R) both are correct and (R) is not correct explanation of (A).

127. Kidney stones are formed due to -

- (a) Deposition of Fat  
(b) Crystalization of Oxalates  
(c) Precipitation of Proteins  
(d) Deposition of sand particles

**Ans. (b) :** Kidney stones are formed due to Crystallisation of Oxalate. Calcium oxalate is the main constituent of most stones, many of which form on a foundation of Calcium phosphate called Randall's plaques, which are present on the renal papillary surface.



128. Given below are two statements, in which one is labelled as Assertion (A) and the other as Reason (R) :

Assertion (A) : The colour of Red Soil is due to the wide diffusion of iron rather than to a high proportion of it.

Reason (R) : They are generally poor in nitrogen, phosphorous and humus.

Select the correct answer using the code given below :

Code :

- (a) Both (A) and (R) are true and (R) is correct explanation of (A).
- (b) (A) is false but (R) is true.
- (c) (A) is true but (R) is false.
- (d) Both (A) and (R) are true but (R) is not correct explanation of (A).

**Ans. (d) :** The colour of red soil is due to wide diffusion of iron rather than to a high proportion of it. They are generally poor in nitrogen phosphorous and humus. Hence, both Assertion (A) and Reason (R) are correct and (R) is not correct explanation of A.

129. With reference to the first-man made Ruby Laser, which of the following statements is/are correct?

- 1. Ruby Laser produced pulses of blue light.
- 2. Ruby Laser produced pulses of red light.

Select the correct answer using the code given below :

Code :

- (a) Neither 1 nor 2
- (b) Both 1 and 2
- (c) Only 2
- (d) Only 1

**Ans. (c) :** Ruby Laser Produced pulses of red light not blue light. Hence only second statement is correct.

130. Match List-I with List-II and select the correct answer using the code given below :

List-I (Festival)	List-II (State/Union Territory)
A. Hornbill Festival	1. Andhra Pradesh
B. Sangai Festival	2. Manipur
C. Flamingo Festival	3. Ladakh
D. Hemis Festival	4. Nagaland

Code :

- |       |   |   |   |       |   |   |   |   |
|-------|---|---|---|-------|---|---|---|---|
| A     | B | C | D |       | A | B | C | D |
| (a) 1 | 3 | 4 | 2 | (b) 2 | 1 | 3 | 4 |   |
| (c) 4 | 2 | 1 | 3 | (d) 4 | 3 | 1 | 2 |   |

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

Festival	State/Union Territory
Hornbill	Nagaland
Sangai	Manipur
Flamingo	Andhra Pradesh
Hemis	Ladakh

131. Which of the following is/are not a capital city/cities of any country in Europe?

- 1. Riga
- 2. Rotterdam
- 3. Zagreb
- 4. Zurich

Select the correct answer from the code given below :

Code :

- (a) Only 1
- (b) 2 and 3
- (c) Only 4
- (d) 2 and 4

**Ans. (d) :** Among the options, Rotterdam is the city of Germany and Zurich is the city of Switzerland. While the capital of Germany is Berlin and Capital of Switzerland is Bern. Hence Rotterdam and Zurich both are non capital city.

132. With reference to primitive subsistence agricultural practices, which of the pair's is/are correctly matched?

Agricultural Practices	Region
1. Jhumming	: South-East Asia
2. Milpa	: Mexico
3. Ladang	: Sri Lanka

Code :

- (a) 1, 2 and 3
- (b) 1 and 2 only
- (c) Only 2
- (d) Only 1

**Ans. (d) :** Shifting cultivation is an agricultural system in which a person uses a piece of land only a short time and later to abandon. It is known as Ladingin Southeast Asia, Milpa in Mexico, Ladang in Indonesia and Jhummin India. Hence only one pair is correctly matched.

133. Consider the following statements with reference to 'Operation Ajay'-

- 1. External Affairs Minister S. Jaishankar announced the launch of 'Operation Ajay'.
- 2. It was started to bring back Indians stranded in war-hit Israel.

Select the correct answer using the code given below :

Code :

- (a) Both 1 and 2
- (b) Only 2
- (c) Neither 1 nor 2
- (d) Only 1

**Ans. (a) :** Operation Ajay was started to bring back stranded Indians in war hit Israel. It was launched by external affairs minister S Jaishankar. Hence, both statement is correct.

134. Which one of the following pairs (Article-Provision) is not correctly matched?

- (a) Article 124 - Supreme Court to be a Court of Record
- (b) Article 132 - Appellate Jurisdiction of Supreme Court

- (c) Article 143 - Advisory Jurisdiction of Supreme Court  
 (d) Article 136 - Special leave to appeal by the Supreme Court

**Ans. (a) :** Article 124 of Indian Constitution deals with the establishment and constitution of Supreme Court, while Article 129 of the Indian constitution empowers the supreme court to be a court of record. Hence pair (a) is incorrectly matched, while rest pairs are correctly matched.

**135. Pichhwai painting is associated with which deity?**

- (a) Goddess Kali  
 (b) Lord Shiva  
 (c) Srinath Ji/Krishna  
 (d) None of the above

**Ans. (c) :** Pichhwai painting is associated with Srinath ji Krishna. The Srinath ji temple is located at Nathdwara, Rajasthan.

**136. Consider the following statements with reference to Simon Commission-**

1. It made two visits to India.
2. Its second visit was from October 11, 1929 to April 13, 1930.

Select the correct answer using the code given below :

**Code :**

- (a) Neither 1 nor 2      (b) Only 1  
 (c) Only 2                (d) Both 1 and 2

**Ans. (b) :** The Simon Commission, also known as Indian statutory commission. It was a seven members Commission Under the Chairman ship of sir John Simon. The commission arrived in British India in 1928 to study constitutional reform in India. The commission paid two visits to India the first lasting from 3<sup>rd</sup> February 1928 to 31<sup>st</sup> March of the same year and the second from 11<sup>th</sup> October 1928 to 13<sup>th</sup> April 1929. Hence statement-II is incorrect.

**137. The missing number in 3, 8, 13, 24, 41, 70, ....**

- (a) 80                      (b) 75  
 (c) 117                    (d) None of the above

**Ans. (c) :**  $13 = (3 + 8) + 2$

$$24 = (13 + 8) + 3$$

$$41 = (24 + 13) + 4$$

$$70 = (41 + 24) + 5$$

$$? = (70 + 41) + 6$$

$$\boxed{? = 117}$$

Hence, the missing number is 117.

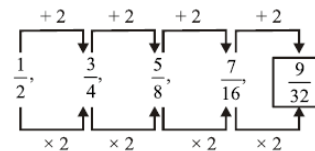
**138. Which fraction comes next in the sequence?**

$$\frac{1}{2}, \frac{3}{4}, \frac{5}{8}, \frac{7}{16}, \dots$$

(a)  $\frac{9}{23}$                       (b)  $\frac{12}{35}$

(c)  $\frac{11}{34}$                       (d)  $\frac{10}{17}$

**Ans. (c) :**



Hence, the fraction comes in next sequence is - 9/32

In this pattern, the missing fraction can be get by adding 2 in numerator and multiply by 2 in denominator.

**139. Which one of the following pairs (Institute - Place) is not correctly matched?**

- (a) Indian Grassland and Fodder Research Institute - Jhansi  
 (b) Indian Institute of Farming System Research - Varanasi  
 (c) National Bureau of Agriculturally Important Micro organisms - Mau  
 (d) Central Institute for Research on Goats - Makhdum

**Ans. (b) :** Indian Institute of Farming System Research is located at Modipuram, Meerut. Hence pair (b) is incorrectly matched, while rest pairs are correctly matched.

**140. Which statements is/are true regarding Lord Curzon?**

1. Establishing the English Empire on granite rock.
2. Announcement of Calcutta Corporation Act.

Select the correct answer using the code given below :

**Code :**

- (a) Both 1 and 2            (b) Neither 1 nor 2  
 (c) Only 2                    (d) Only 1

**Ans. (a) :** Lord Curzon was appointed as the Viceroy of India in 1899. He is well remembered in Indian history for his controversial decision to partition Bengal into two provinces. He established the English empire on granite rock and also announced Calcutta Corporation Act.

Hence, both statements are correct.

उत्तर प्रदेश समीक्षा अधिकारी/सहायक समीक्षा अधिकारी (प्री) परीक्षा 2023

सामान्य हिन्दी

(निरस्त)

व्याख्या सहित हल प्रश्न-पत्र

(परीक्षा तिथि : 11.02.2024)

1. निम्नलिखित में से विलोम शब्दों का अशुद्ध युग्म है-

- (a) अधिकतम- अत्यल्प (b) अघी - अनघ  
(c) अधः - उपरि (d) ईषत् - अलम्

**Ans. (b) :** विलोम शब्द की दृष्टि से 'अघी-अनघ' शब्द युग्म अशुद्ध है। इसका शुद्ध रूप 'अघ-अनघ' होगा। जिसका अर्थ दोषी-निर्दोष होगा। जबकि अन्य सभी शब्द युग्म विलोम शब्द की दृष्टि से शुद्ध हैं।

2. 'रात्रि' का पर्यायवाची है-

- (a) सौदामिनी (b) क्षणप्रभा  
(c) चपला (d) शर्वरी

**Ans. (d) :** 'शर्वरी' रात्रि का पर्यायवाची शब्द है। रात्रि के अन्य पर्यायवाची शब्द- निशा, रात, रैन, रजनी, यामिनी, त्रियामा, विभावरी क्षणदा आदि हैं।

बिजली- सौदामिनी, क्षणप्रभा, चपला, चंचला, दामिनी, तड़ित, विद्युत आदि।

3. बरसता बिल्कुल न होने को अभिव्यक्त करने के लिए प्रयुक्त होने वाला उपयुक्त एक शब्द होता है-

- (a) अल्पवृष्टि (b) अनावृष्टि  
(c) अकाल (d) अनवृष्टि

**Ans. (b) :** बरसात बिल्कुल न होने को अभिव्यक्त करने के लिए प्रयुक्त होने वाला उपयुक्त एक शब्द 'अनावृष्टि' होता है।

4. 'अवसाद' शब्द का विलोम है -

- (a) अनादर (b) उल्लास  
(c) उदास (d) अनुल्लास

**Ans. (b) :** 'अवसाद' का विलोम शब्द 'उल्लास' होगा। 'आदर' का विलोम 'अनादर' तथा 'उदास' का विलोम 'प्रफुल्ल' होता है।

5. 'जो किसी कार्य के सम्पादन में मनोयोगपूर्वक लगा हुआ हो' - इस वाक्यांश के लिए प्रयुक्त होने वाला एक शब्द है-

- (a) स्थितिप्रज्ञ (b) दत्तात्मा  
(c) दत्तावधान (d) दत्तचित्त

**Ans. (d) :** वाक्यांश के लिए एक शब्द इस प्रकार है-

- जो किसी कार्य के संपादन में मनोयोगपूर्वक लगा हुआ हो - दत्तचित्त
- जिसकी विवेकबुद्धि स्थिर हो - स्थितिप्रज्ञ
- वह जिसकी प्रतिज्ञा दृढ़ हो - दृढ़प्रतिज्ञ
- जो धर्माचरण करता है - धर्मात्मा

6. 'क्वाथ' शब्द का तद्भव है-

- (a) काढ़ा (b) काच  
(c) काठ (d) काँटा

**Ans. (a) :** 'क्वाथ' का तद्भव 'काढ़ा' होता है। अन्य इस प्रकार हैं-

तद्भव	तत्सम
काँच	काच
काठ	काष्ठ
काँटा	कंटक
कौड़ी	कपर्दिका
कोदों	कोद्व

7. सूची-I (तद्भव शब्दों) को सूची-II (तत्सम शब्दों) के साथ सुमेलित करते हुए सही कूट चुनिए-

सूची-I	सूची-II
(A) पत्थर	(i) प्रस्तर
(B) भौजाई	(ii) धूम
(C) सुहाग	(iii) भ्रातृजाया
(D) धुआँ	(iv) सौभाग्य
	(v) सधवा

कूट :

A	B	C	D
(a) i	ii	iii	iv
(b) i	iii	iv	ii
(c) v	ii	iii	iv
(d) iii	ii	i	v

8. निम्नलिखित दोनों कथनों पर ध्यानपूर्वक विचार करते हुए सही कूट को पहचानिए-

तद्भव	तत्सम
पत्थर	प्रस्तर
भौजाई	भ्रातृजाया
सुहाग	सौभाग्य
धुआँ	धूम

A. संस्कृत और प्राकृत से विकृत होकर हिन्दी में आने वाले शब्द तद्भव कहलाते हैं।

B. तद्भव शब्द संस्कृत से उत्पन्न हैं।

(a) A सही B गलत (b) A और B दोनों गलत

(c) A गलत B सही (d) A और B दोनों सही

**Ans. (d) :** संस्कृत और प्राकृत से विकृत होकर हिंदी में आने वाले शब्द तद्भव कहलाते हैं।

● तद्भव शब्द संस्कृत से उत्पन्न है। अतः दोनों कथन सत्य हैं।  
तत्सम- किसी भाषा के मूल शब्द को 'तत्सम' कहते हैं। 'तत्सम' का अर्थ ही है- 'उसके समान' या ज्यों-का-त्यों।

9. विशेषण के संदर्भ में निम्नलिखित में से अशुद्ध कथन है-

- (a) यह सर्वनाम की विशेषता बताता है।  
(b) यह संज्ञा की विशेषता बताता है।  
(c) यह संज्ञा के लिंगानुसार सदैव परिवर्तित होता है।  
(d) यह संज्ञा की व्याप्ति मर्यादित करता है।

**Ans. (c) :** यह संज्ञा के लिंगानुसार सदैव परिवर्तित होता है। विशेषण के संदर्भ में यह कथन अशुद्ध है।

**विशेषण-** जो संज्ञा या सर्वनाम की विशेषता बताए, उसे विशेषण कहते हैं। यह संज्ञा की व्याप्ति मर्यादित करता है।

**विशेषण के चार भेद हैं-** सार्वनामिक, गुणवाचक, संख्यावाचक तथा परिमाण बोधक।

**विकारी तथा अविकारी विशेषण-**

विशेषण के इन चारों प्रकारों में से पहले दो प्रकार के विशेषण विकारी हैं, जबकि अंतिम दो अविकारी। गुणवाचक व सार्वनामिक विशेषण लिंग-वचनानुसार परिवर्तित होते हैं, जबकि परिमाण बोधक व संख्यावाचक विशेषण परिवर्तित नहीं होते।

10. 'भीतर' शब्द का तत्सम है-

- (a) अन्तरंग (b) अभिरंग  
(c) वहिरंग (d) अभ्यन्तर

**Ans. (d) :** 'भीतर' शब्द का तत्सम 'अभ्यन्तर' है। भीतरी तथा 'अंतरंग' शब्द इसके विशेषण हैं।

11. विशेषण की विशेषता बताने वाले शब्द कहलाते हैं-

- (a) प्रविशेषण (b) विशिष्ट विशेषण  
(c) पद-विशेषण (d) प्रति विशेषण

**Ans. (a) :** जो शब्द विशेषण की विशेषता बताए उसे 'प्रविशेषण' कहते हैं।

**जैसे-** क्षत्रिय बड़े साहसी होते हैं।

इस वाक्य में 'साहसी' विशेषण तथा 'बड़े' प्रतिविशेषण शब्द है।

पं. कामता प्रसाद गुरु ने इसे 'अंतर्विशेषण' कहा है।

12. निम्नलिखित में से तत्सम-तद्भव का कौन-सा युग्म त्रुटिपूर्ण है?

- (a) वचन-बैन (b) गंभीर - गहरा  
(c) पुराण- पुराना (d) कपाट - कपड़ा

**Ans. (d) :** 'कपाट-कपड़ा' तत्सम-तद्भव युग्म त्रुटिपूर्ण है। इसका शुद्ध रूप- 'कर्पट-कपड़ा' तथा 'कपाट-किवाड़' होगा। जबकि अन्य सभी तत्सम-तद्भव युग्म शब्द सही हैं।

13. निम्नलिखित में से कौन-सा युग्म विपरीतार्थक नहीं है?

- (a) कोमल-मृदुल (b) तरल- ठोस  
(c) कर्कश-मधुर (d) कठिन-सरल

**Ans. (a) :** 'कोमल-मृदुल' शब्द युग्म विपरीतार्थक नहीं हैं बल्कि पर्याय हैं। 'कोमल' का विपरीतार्थक शब्द 'कठोर' होगा, जबकि अन्य सभी शब्द युग्म विपरीतार्थक हैं।

14. 'मक्षिका' किसका तत्सम शब्द है?

- (a) मक्खी (b) मिट्टी  
(c) मछली (d) मच्छर

**Ans. (a) :** तत्सम-तद्भव का विवरण है-

तत्सम	तद्भव
मक्षिका	मक्खी
मत्स्य	मछली
मृत्तिका	मिट्टी
मशक	मच्छर
मृक्षण	मक्खन

15. 'वह खम्भा गिर जाएगा'- इस पंक्ति में कौन-सा विशेषण है?

- (a) परिमाणवाचक विशेषण  
(b) गुणवाचक विशेषण  
(c) संख्यावाचक विशेषण  
(d) निश्चयवाचक सार्वनामिक विशेषण

**Ans. (d) :** 'वह खम्भा गिर जाएगा' इस वाक्य में 'निश्चयवाचक सार्वनामिक विशेषण' है।

**सार्वनामिक विशेषण-** पुरुषवाचक और निजवाचक सर्वनाम के सिवाय अन्य सर्वनाम जब किसी संज्ञा के पहले आते हैं, तब वे 'सार्वनामिक विशेषण' कहलाते हैं।

16. 'व्याकरण का ज्ञान रखने वाले व्यक्ति' के लिए प्रयुक्त होने वाले शब्द की शुद्ध वर्तनी है-

- (a) वय्याकरण (b) वैयाकरण  
(c) व्याकरणज्ञ (d) व्याकरणी

**Ans. (b) :** 'व्याकरण का ज्ञान रखने वाले व्यक्ति' के लिए प्रयुक्त होने वाले शब्द की शुद्ध वर्तनी 'वैयाकरण' है।

17. प्रत्यक्ष का सटीक विलोम है-

- (a) प्रतिमुख (b) परोक्ष  
(c) सम्मुख (d) मुखामुख

**Ans. (b) :** 'प्रत्यक्ष' का सटीक विलोम 'परोक्ष' होगा। सम्मुख का विलोम, विमुख होता है।

18. घोटक का सटीक पर्यायवाची है-

- (a) अश्व (b) शम्बूक  
(c) अनलस (d) श्वेतघृति

**Ans. (a) :** घोटक का पर्यायवाची- अश्व, वाजि, हय, तुरंग, घोड़ा, सैधव आदि हैं।

शम्बूक के पर्यायवाची शब्द हैं- घोघा, शंख, एक दैत्य का नाम।

19. निम्नलिखित में से शुद्ध वर्तनी वाला शब्द है-

- (a) अनुग्रहीत (b) अनग्रहित  
(c) अनग्रहीत (d) अनुगृहीत

**Ans. (d) :** 'अनुगृहीत' शुद्ध वर्तनी वाला शब्द है, जबकि अन्य शब्द अशुद्ध हैं।

20. 'समास' शब्द का विलोम होगा-

- (a) व्यास (b) भेदक  
(c) विभाजन (d) संधि

**Ans. (a) :** 'समास' का विलोम 'व्यास', संधि का विच्छेद तथा संघ का विलोम 'विघटन' शब्द होगा।

21. सूर्यसुता पर्यायवाची है -

- (a) नर्मदा का (b) कावेरी का  
(c) गंगा का (d) यमुना का

**Ans. (d) :** 'सूर्यसुता' यमुना का पर्यायवाची है। इसके अन्य पर्याय-सूर्यतनया, कालिंदी, अर्कजा, कृष्णा आदि हैं।

**गंगा-** देवनदी, देवपगा, ध्रुवनंदा, मंदाकिनी, भागीरथी, सुरसरिता आदि।

22. 'नारियल' शब्द का तत्सम होगा-

- (a) नवनीत (b) निर्वहण  
(c) नारिकेल (d) कठोर

**Ans. (c) :** 'नारियल' शब्द का तत्सम 'नारिकेल' होगा। कठोर का तद्भव कड़ा होगा, नवनीत का तद्भव मक्खन होता है।

23. खूबसूरत और काला ईरानी घोड़ा मैदान में दौड़ रहा है - इस वाक्य में है-

- (a) तीन विशेषण एक विशेष्य  
(b) तीन विशेषण दो विशेष्य  
(c) दो विशेषण दो विशेष्य  
(d) दो विशेषण एक विशेष्य

**Ans. (a) :** खूबसूरत और काला ईरानी घोड़ा मैदान में दौड़ रहा है। इस वाक्य में तीन विशेषण-खूबसूरत, काला व ईरानी तथा एक विशेष्य 'घोड़ा' है।

**विशेषण-** जो संज्ञा या सर्वनाम की विशेषता बताए, उसे 'विशेषण' कहते हैं तथा जिसकी विशेषता बताई जाए, वह विशेष्य कहलाता है।

24. निम्नलिखित शब्दों में शुद्ध शब्द है-

- (a) महात्म्य (b) माहात्म्य  
(c) महात्म (d) माहात्म्य

**Ans. (b) :** 'माहात्म्य' शुद्ध वर्तनी वाला शब्द है। अन्य शब्द अशुद्ध हैं।

25. 'मसृण' का विलोम है -

- (a) मलिन (b) रुक्ष  
(c) रूमाक्ष (d) स्निग्ध

**Ans. (b) :** 'मसृण' का विलोम 'रुक्ष' है। मलिन का निर्मल तथा 'स्निग्ध' का 'अस्निग्ध' विलोम शब्द होगा।

26. अशुद्ध विलोम युग्म का चयन कीजिए -

- (a) ऐश्वर्य-अनैश्वर्य (b) ऋजु-वक्र  
(c) कर्कश-मधुर (d) ऐहिक-लौकिक

**Ans. (d) :** 'ऐहिक-लौकिक' अशुद्ध विलोम युग्म हैं। इसका सही रूप 'ऐहिक-पारलौकिक' तथा 'लौकिक-अलौकिक' है। अन्य सभी विलोम युग्म सही हैं।

27. परित्यक्ता शब्द का प्रयोग होता है-

- (a) उस स्त्री के लिए जिसके पुत्र-पति हो।  
(b) उस स्त्री के लिए जो पर पुरुष से प्रेम करती हो।  
(c) उस स्त्री के लिए जो पति के द्वारा छोड़ दी गई हो।  
(d) उस स्त्री के लिए जिसका पति मर गया हो।

**Ans. (c) :** वाक्यांश के लिए एक शब्द है-

**वाक्यांश** **एक शब्द**

- वह स्त्री जो पति के द्वारा छोड़ दी गई हो। - परित्यक्ता
- वह स्त्री जिसके पुत्र-पुत्री और पति हों। - पुरन्ध्री
- वह स्त्री जो पर पुरुष से प्रेम करती हो। - परकीया
- जिसका पति मर गया हो। - विधवा

28. युद्ध लड़ने की उत्सुकता के भाव अभिव्यक्त करने के लिए प्रयुक्त होने वाला एक शब्द होता है-

- (a) युद्धोन्मुख (b) जिज्ञासु  
(c) युयुत्सा (d) उत्कंठी

**Ans. (c) :** वाक्यांश के लिए एक शब्द-

- युद्ध लड़ने की उत्सुकता - युयुत्सा
- युद्ध करने की प्रबल इच्छा करने वाला - युयुत्सु
- कुछ जानने या ज्ञान प्राप्त करने की चाह- जिज्ञासा
- जिसे जानना आवश्यक हो - ज्ञेय
- पति-पत्नी का जोड़ा - दंपति

29. विशेषण के द्वारा जिस संज्ञा की व्याप्ति निर्धारित होती है, उसे कहते हैं-

- (a) विशेषण (b) अव्यय  
(c) विशेष्य (d) क्रिया-विशेषण

**Ans. (c) :** विशेषण के द्वारा जिस संज्ञा की व्याप्ति निर्धारित होती है, उसे 'विशेष्य' कहते हैं।

**विशेषण-** जो संज्ञा या सर्वनाम की विशेषता बताए।

**अव्यय-** जिन शब्दों के रूप में लिंग, वचन, कारक आदि के कारण कोई परिवर्तन या विकार न हो, उन्हें 'अव्यय' कहते हैं।

**क्रिया विशेषण-** जिस अव्यय से क्रिया, विशेषण या अन्य क्रिया-विशेषण की विशेषता प्रकट हो, उसे क्रिया विशेषण अव्यय कहते हैं।

30. हरीतकी का तद्भव शब्द है -

- (a) हरड़ (b) हार  
(c) हरियाली (d) हरा

**Ans. (a) :**

तद्भव	तत्सम
हरड़	हरीतकी
हरा	हरित
हार	हार
हल्दी	हरिद्रा
हीरा	हीरक

31. 'अहि' का पर्यायवाची है-

- (a) सर्प (b) कान  
(c) मुख (d) पृथ्वी

**Ans. (a) :** अहि, सर्प, भुजंग, व्याल, उरग, नाग, पन्नग, विषधर आदि सभी सांप के पर्यायवाची शब्द हैं। अन्य पर्यायवाची शब्द हैं-  
**कान-** कर्ण, श्रवण, श्रुति, श्रुतिपट।

**मुँह-** मुख, शकल, चेहरा, मुखड़ा, सूरत आदि।

**पृथ्वी-** इला, भू, भूमि, अचला, वसुधा, वसुंधरा, मेदिनी, अवनी, जगती आदि।

32. 'प्रशंसा' का पर्यायवाची है -

- (a) कृशानु (b) कुम्भिल  
(c) शलाघा (d) अमर्ष

**Ans. (c) :** प्रशंसा के पर्यायवाची शब्द हैं- शलाघा, सराहना, बड़ाई, तारीफ, गुणगान आदि।

**चोर-** कुम्भिल, तस्कर, मोषक, दस्यु, रजनीचर, साहसिक, खनक आदि।

**अग्नि-** कृशानु, आग, पावक, अनल, वह्नि, हुताशन आदि।

**क्रोध-** अमर्ष, कोप, रोष, गुस्सा, आक्रोश आदि।

33. 'मूक' का विलोम शब्द है -

- (a) मृदु स्वर (b) कटुभाषी  
(c) बधिर (d) वाचाल

**Ans. (d) :** विलोम शब्द इस प्रकार हैं-

शब्द	विलोम
मूक	वाचाल
मृदुभाषी	कटुभाषी
बधिर	सुनना
एकत्र	विकीर्ण
उन्मूलन	रोपण

34. निम्नलिखित वाक्यों में एक वाक्य अशुद्ध है, उसे पहचानिए-

- (a) सब्जी मैंहगी है।  
(b) उपरोक्त पंक्ति अच्छी नहीं है।  
(c) मोहन पौधे सींच रहा है।  
(d) गीता ने पत्र लिखा।

**Ans. (a/b) :** 'उपरोक्त पंक्ति अच्छी नहीं है' वाक्य अशुद्ध है क्योंकि 'उपरोक्त' शब्द अशुद्ध है, इसका शुद्ध शब्द 'उपर्युक्त' होता है जबकि प्रश्नगत विकल्पों में 'सब्जी मैंहगी है' वाक्य में 'मैंहगी' शब्द वर्तनी की दृष्टि से अशुद्ध है। इसकी शुद्ध वर्तनी 'महँगी' होगी।

35. 'स्वेद से उत्पन्न होने वाला के लिए एक शब्द है-

- (a) उष्मज (b) स्वेदज  
(c) अण्डज (d) द्विज

**Ans. (b) :** वाक्यांश के लिए एक शब्द-

- स्वेद से उत्पन्न होने वाला - स्वेदज
- अण्डे से उत्पन्न होने वाला - अण्डज
- जिसने दो बार जन्म लिया हो - द्विज
- गर्मी से पैदा होने वाला - उष्मज

36. 'जो युद्ध में स्थिर रहता है' के लिए प्रयुक्त होने वाला एक शब्द है-

- (a) युधिष्ठिर (b) युद्धस्थिर  
(c) युद्धाभ्यासी (d) युद्धष्ठिर

**Ans. (a) :** जो युद्ध में स्थिर रहता है के लिए प्रयुक्त होने वाला एक शब्द 'युधिष्ठिर' है। अन्य शब्द अशुद्ध हैं।

37. 'दृश्य मनोरम था'- इस वाक्य में प्रयुक्त विशेषण है-

- (a) भाववाचक विशेषण (b) गुणवाचक विशेषण  
(c) संख्यावाचक विशेषण (d) निर्देशक विशेषण

**Ans. (b) :** 'दृश्य मनोरम था'- इस वाक्य में 'गुणवाचक विशेषण' प्रयुक्त है। यहाँ 'मनोरम' गुणवाचक विशेषण शब्द है।

**गुणवाचक विशेषण-** जिस शब्द से संज्ञा का गुण, दशा, स्वभाव आदि लक्षित हो, उसे गुणवाचक विशेषण कहते हैं।

38. 'औरस' का विलोम है-

- (a) प्रापक (b) विरस  
(c) नीरस (d) दत्तक

**Ans. (d) :** औरस का विलोम शब्द 'दत्तक' होता है जबकि 'जारज' का विलोम 'औरस' होता है।

39. 'कामदेव' का पर्यायवाची है -

- (a) पुष्पधन्वा (b) पुरन्दर  
(c) भूतेश (d) जनार्दन

**Ans. (a) :** कामदेव का पर्यायवाची- पुष्पधन्वा, मन्मथ, मदन, काम, कंदर्प, मनोज, अनंग आदि हैं।

**इन्द्र-** पुरंदर, महेन्द्र, देवराज, सुरपति, वासव, सुरेश, सुरेन्द्र आदि।

**शिव-** भूतेश, महादेव, शिव, शम्भु, गिरीश, पशुपति, शंकर, चन्द्रशेखर आदि।

**विष्णु-** जनार्दन, गरुणध्वज, अच्युत, चक्रपाणि, दामोदर, केशव, माधव, चतुर्भुज, पीताम्बर, मुरारी आदि।

40. 'बाएँ हाथ से तीर चलाने वाला' के लिए प्रयुक्त होने वाला एक शब्द होता है-

- (a) सव्यसाची (b) वामउदग्र  
(c) वामहस्ती (d) वामशर

**Ans. (a) :** 'बाएँ हाथ से तीर चलाने वाला' के लिए प्रयुक्त होने वाला एक शब्द 'सव्यसाची' है।

41. वर्तनी के अनुसार शुद्ध शब्द का चयन कीजिए।

- (a) अकार (b) अतिथी  
(c) वधू (d) कूआँ

**Ans. (c) :** वर्तनी के अनुसार शुद्ध शब्द 'वधू' है जबकि अकार, अतिथी तथा कूआँ अशुद्ध शब्द हैं, जिसका शुद्ध रूप क्रमशः इस प्रकार है- आकार, अतिथि तथा कुआँ।

42. 'नित्य दीन दुखियों को भोजन देने की व्यवस्था' के लिए प्रयुक्त होने वाला एक शब्द होता है-

- (a) सदावर्त (b) प्रसादी  
(c) नित्य भोजनम् (d) आहार -व्यवस्था

**Ans. (a) :** 'नित्य दीन-दुखियों को भोजन देने की व्यवस्था' के लिए एक शब्द 'सदावर्त' है।

43. 'जिसे कभी बुढ़पा न आए' के लिए प्रयुक्त होने वाला उपयुक्त शब्द होगा-

- (a) अमर (b) अविनाशी  
(c) अवृद्ध (d) अजर

**Ans. (d) :** वाक्यांश के लिए एक शब्द-

- जिसे कभी बुढ़पा न आए - अजर
- जिसकी कभी मृत्यु न हो - अमर
- जो दूसरों की उन्नति देखकर जलता हो - ईर्ष्यालु

44. 'सन्देह' का विशेषण होगा -

- (a) संदिग्ध (b) सन्देहास्पद  
(c) शंकालु (d) शक

**Ans. (a) :** 'सन्देह' का विशेषण 'संदिग्ध' होगा।

45. 'प्रतिबिम्बित' में विशेष्य होगा -

- (a) प्रत्येक बिम्ब (b) बिम्बित  
(c) बिम्ब (d) प्रतिबिम्ब

**Ans. (d) :** 'प्रतिबिम्बित' में 'प्रतिबिम्ब' विशेष्य होगा।

46. नीचे दिए गए विकल्पों में तत्सम शब्द चुनिए -

- (a) गयन्द (b) सगुन  
(c) सकल (d) मयंक

**Ans. (c) :** तत्सम-तद्भव शब्दों का विवरण है-

तत्सम	तद्भव
गज	गयन्द
शकुन	सगुन
मृगांक	मयंक
सकल	समस्त

47. निम्नलिखित शब्दों में शुद्ध वर्तनी वाला शब्द है -

- (a) अच्छौहिणी (b) अक्षौहिणी  
(c) अक्क्षौहिणी (d) अक्षौहिणी

**Ans. (d) :** 'अक्षौहिणी' शुद्ध वर्तनी वाला शब्द है। अन्य शब्द अशुद्ध हैं।

48. निम्नलिखित वाक्यों में से शुद्ध वाक्य है -

- (a) कुछ लोग मिष्टन्न के प्रिय होते हैं।  
(b) महारानी लक्ष्मीबाई महाराज गंगाधर राव की महिषी थीं।  
(c) व्यवसाय के लिए मुझे आपकी सहायता उपेक्षित है।  
(d) वे ग्राम जनता को जगाने के लिए प्रयासरत है।

**Ans. (b) :** महारानी लक्ष्मीबाई महाराज गंगाधर राव की महिषी थीं। यह वाक्य शुद्ध है। अन्य इस प्रकार हैं-

अशुद्ध	शुद्ध वाक्य
कुछ लोग मिष्टन्न के प्रिय होते हैं।	कुछ लोगों को मिष्टान प्रिय होता है।
व्यवसाय के लिए मुझे आपकी सहायता उपेक्षित है।	व्यवसाय के लिए मुझे आपकी सहायता अपेक्षित है।
वे ग्राम जनता को जगाने के लिए प्रयासरत है।	वे ग्रामवासियों को जगाने के लिए प्रयासरत हैं।

49. 'जंगम' शब्द का सटीक विलोम है -

- (a) भयावह (b) स्थूल  
(c) स्थिर (d) स्थावर

**Ans. (d) :**

शब्द	विलोम
जंगम	स्थायर
स्थूल	सूक्ष्म
स्थिर	अस्थिर
भयानक	रमणीय

50. निम्नलिखित में से आवृत्तिवाचक विशेषण नहीं है -

- (a) तिगुना (b) सब-कुछ  
(c) चौगुना (d) दूना

**Ans. (b) :** 'सब-कुछ' आवृत्तिवाचक विशेषण नहीं है जबकि तिगुना, दूना तथा चौगुना 'आवृत्तिवाचक विशेषण' हैं।

**संख्यावाचक विशेषण-** जिस विशेषण से संज्ञा की संख्या का बोध हो, उसे 'संख्यावाचक विशेषण' कहते हैं।

**संख्यावाचक विशेषण के पाँच भेद हैं-** गणनावाचक, क्रमवाचक, आवृत्तिवाचक, समुदायवाचक और प्रत्येकबोधक।

**आवृत्तिवाचक-** जो संख्यावाचक विशेषण किसी संख्या की आवृत्ति को सूचित करता है, उसे आवृत्तिवाचक कहते हैं।

51. 'द्रौपदी' का पर्यावाची नहीं है -

- (a) पांचाल (b) सैरन्ध्री  
(c) कृष्णा (d) याज्ञसेनी

**Ans. (a) :** 'पांचाल' द्रौपदी का पर्यायवाची नहीं है जबकि पांचाली, सैरन्ध्री, कृष्णा, याज्ञसेनी, द्रुपदसुता आदि 'द्रौपदी' के पर्यायवाची शब्द हैं।

52. निम्नलिखित में से 'अवनि' का सही पर्यायवाची है-

- (a) अचला (b) उदधि  
(c) अम्बर (d) अचल

**Ans. (a) :** अवनि का पर्यायवाची- अचला, इला, उर्वी, मही, मेदिनी, रसा, वसुमती, क्षिति आदि हैं।

**समुद्र-** उदधि, जलधि, सिंधु, रत्नाकर, वारिधि, अर्णव, जलधाम, वारीश, पारावार, अब्धि आदि।

**अम्बर-** आकाश, अर्श, व्योम, शून्य, अभ्र, फलक, नभ, अंतरिक्ष आदि।

**अचल-** शैल, नग, भूधर, महीधर, नगपति, शिखर, तुंग, धरणीधर, पर्वत, पहाड़ आदि।

53. 'विद्युत' का पर्यायवाची है-

- (a) शर्वरी (b) दामिनी  
(c) तनया (d) रमणी

**Ans. (b) :** विद्युत का पर्यायवाची- दामिनी, चंचला, सौदामिनी, तड़ित, चपला आदि हैं।

**रात्रि-** शर्वरी, निशा, यामिनी, रजनी, त्रियामा, क्षणदा, विभावरी आदि।

**पुत्री-** तनया, सुता, आत्मजा, दुहिता, नंदिनी, तनुजा आदि।

**नारी-** रमणी, वामा, ललना, कामिनी, कान्ता, वनिता, कलत्र आदि।

54. निम्नलिखित में से कौन-सा तत्सम-तद्भव युग्म त्रुटिपूर्ण है?

- (a) कर्कट-केकड़ा (b) जगज्जाल - जंजाल  
(c) पिप्पल - पीपल (d) फुल्ल - फुड़िया

**Ans. (d):** 'फुल्ल-फुड़िया' तत्सम-तद्भव युग्म त्रुटिपूर्ण है। जिसका शुद्ध इस प्रकार होगा-

तत्सम	तद्भव
फुल्ल	फूल
जगज्जाल	जंजाल
कर्कट	केकड़ा
पिप्पल	पीपल

55. सूची-I को सूची-II से सुमेलित कीजिए तथा सूचियों के नीचे दिए गए कूट से सही विकल्प चुनिए-

सूची-I (विशेषण)	सूची-II (विशेष्य)
(A) ऐतिहासिक	(1) महिलाएँ
(B) विदुषी	(2) कथा
(C) महती	(3) घटना
(D) रोचक	(4) पुस्तक

कूट :

	A	B	C	D
(a)	1	2	3	4
(b)	1	2	4	3
(c)	3	2	1	4
(d)	3	1	2	4

**Ans. (d) :** सही सुमेलन इस प्रकार है-

विशेषण	विशेष्य
ऐतिहासिक	घटना
विदुषी	महिलाएँ
महती	कथा
रोचक	पुस्तक

56. उच्छिष्ट का उपयुक्त विपरीतार्थक शब्द है-

- (a) अभक्ष (b) अनुच्छिष्ट  
(c) अखाद्य (d) अभुक्त

**Ans. (b) :** शब्द व उनके विलोम हैं-

शब्द	विलोम
उच्छिष्ट	अनुच्छिष्ट
भक्ष	अभक्ष
खाद्य	अखाद्य
भुक्त	अभुक्त

57. निम्नलिखित वाक्यों को ध्यानपूर्वक पढ़कर दिए गए कूट के अनुसार उत्तर दीजिए -

- (A) संजीव ने मिठाई और पापड़ खाए।  
(B) सीतांशु ने दूध और रोटी खिलाई।

(C) श्याम ने बैल और घोड़ा मोल लिए।

(D) तुमने रुपये दिया।

कूट :

- (a) केवल A और C शुद्ध वाक्य हैं।  
(b) A और B शुद्ध वाक्य हैं।  
(c) A, B, C शुद्ध और D अशुद्ध वाक्य हैं।  
(d) C और D शुद्ध वाक्य हैं।

**Ans. (c) : शुद्ध वाक्य**

संजीव ने मिठाई और पापड़ खाए।

सीतांशु ने दूध और रोटी खिलाई।

श्याम ने बैल और घोड़ा मोल लिए।

अतः विकल्प A, B तथा C तीनों शुद्ध वाक्य हैं जबकि विकल्प (d) 'तुमने रुपये दिया।' अशुद्ध वाक्य है जिसका शुद्ध रूप 'तुमने रुपये दिये।' होगा।

58. 'आपको चाहिए था कि आप रोगी को देख आएं' इस वाक्य का शुद्ध रूप होगा-

- (a) आपको चाहिए था कि आप रोगी को देखने जाएं  
(b) आपको चाहिए था कि आप रोगी को देखने गए थे।  
(c) आपको चाहिए था कि आप रोगी को देख आते।  
(d) आपको चाहिए था कि आप रोगी को देखने जाएंगे।

**Ans. (c) :** 'आपको चाहिए था कि आप रोगी को देख आएं'- इस अशुद्ध वाक्य का शुद्ध रूप होगा- 'आपको चाहिए था कि आप रोगी को देख आते।'

59. निम्नलिखित में से कौन - सा युग्म सुमेलित नहीं है?

सूची-I (शब्द)	सूची-II (पर्याय)
(a) खर	- गर्दभ
(b) आँख	- लोचन
(c) इंद्र	- पुरंदर
(d) गंगा	- मृगांक

**Ans. (d) :** 'गंगा-मृगांक' शब्द-पर्याय युग्म सुमेलित नहीं है। इसका सही सुमेलन होगा- 'गंगा-जाह्नवी' तथा 'मयंक-मृगांक'।

60. 'अप्रत्याशित' शब्द के लिए कौन-सा वाक्य उपयुक्त है?

- (a) जिसकी आशा की गई हो।  
(b) जिसकी आशा न की गई हो।  
(c) जिसकी संभावना हो।  
(d) जो अवश्य होने वाला हो।

**Ans. (b) :** वाक्यांश के लिए एक शब्द-

● जिसकी आशा न की गई हो।	-	अप्रत्याशित
● जिसकी आशा की गई हो।	-	आशातीत
● जिसकी संभावना हो।	-	संभावित
● जो अवश्य होने वाला हो।	-	अवश्यंभावी



# UPPSC RO-ARO (Mains) Exam-2021

## GENERAL STUDIES

### Solved Paper

[ Exam Date : 24-04-2022

1. During his annexation of Afghanistan, who invited Babur to invade India?

- (a) Ustad Ali (b) Mustafa  
(c) Daulat Khan (d) Hasan Khan

**Ans. (c) :** During the annexation of Afghanistan, Daulat Khan Lodhi invited Babur to invade India, Daulat Khan was Afghan governor of Punjab during the rule of the Lodi dynasty in the Delhi Sultanate. When Ibrahim Lodhi tired to recapture Punjab, Daulat Khan lodhi, alarmed at his safety, sent his son Dilawar Khan to Kabul to invite Babur to help overthrow Ibrahim Lodhi.

2. Who is the author of the book "Death in Banaras"?

- (a) Meena Kaushik (b) Jonthan Parry  
(c) B.D. Tripathi (d) Ron Barrett

**Ans. (b) :** Jonathan Parry is the author of the book "Death in Banaras". His other books are "The Politics of Patriotism" and "Caste and Kinship in Kangra".

3. Which one of the following pairs is not correctly matched?

- (a) Bleaching powder – Calcium oxychloride  
(b) Plaster of Paris – Calcium bicarbonate  
(c) Washing Powder – Sodium carbonate  
(d) Baking Soda – Sodium bicarbonate

**Ans. (b) :** Correctly Matched pairs:-  
Bleaching powder – Calcium oxychloride  
[Ca (ClO)<sub>2</sub>]  
Plaster of Paris – Calcium sulphate hemihydrates  
[CaSO<sub>4</sub>. 1/2 H<sub>2</sub>O]  
Washing Powder – Sodium carbonate  
[Na<sub>2</sub> CO<sub>3</sub>]  
Baking Soda – Sodium bicarbonate  
[Na HCO<sub>3</sub>]

4. Match List-I with List-II and select the correct answer using the code given below the lists-

List-I (Provinces of Australia)		List-II (Capital city)	
A	New South Wales	1	Brisbane
B	Queensland	2	Sydney
C	Victoria	3	Perth
D	Western Australia	4	Melbourne

Code-

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 1 | 2 | 4 | 3 |
| (c) | 2 | 1 | 4 | 3 |
| (d) | 2 | 1 | 3 | 4 |

**Ans. (c) :** Correct match is as follows-

New South Wales – Sydney.  
Queensland – Brisbane.  
Victoria – Melbourne.  
Western Australia – Perth.

Hence, option C is correct.

5. Match List-I with List-II and select the correct answer using the code given below the lists-

	List-I (Organisation)		List-II (Establishment year)
A	Lalit Kala Akademy	1	1954
B	Sangeet Natak Academy	2	1952
C	National School of Drama	3	1959
D	Centre for Cultural Resources and Training	4	1979

Code -

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 2 | 4 | 1 | 3 |
| (c) | 4 | 3 | 2 | 1 |
| (d) | 3 | 2 | 4 | 1 |

**Ans. (a) :**

Organisation	Establishment year
a. Lalit Kala Akademy	– 1954
b. Sangeet Natak Academy	– 1952
c. National School of Drama	– 1959
d. Centre for Cultural Resources and Training	– 1979

• **Note :-** Sangeet Natak Akadami was set up in 1953 for the preservation and promotion of performing arts.

6. Which of the following Tiger Reserves is not situated in Madhya Pradesh?

- (a) Amangarh (b) Bandhavgarh  
(c) Kanha (d) Sanjay Dubri

**Ans. (a) :** Amangarh Tiger Reserve is in Bijnor district in state of Uttar Pradesh. Amangarh Tiger reserve was originally part of Jim Corbett National Park, and after the state of Uttarakhand was carved out of Uttar Pradesh, Amangarh remained in Uttar Pradesh, Bandhavgarh, Kanha and Sanjay Dubri Tiger Reserve are situated in Madhya Pradesh.

7. Which one of the following coal based power plant is situated in Uttar Pradesh?

1. Darlipali                      2. Dadri  
3. Singrauli                      4. Vindhyachal

Select the correct answer using the code given below

Code -

- (a) 1 and 3                      (b) 2 and 3  
(c) 2 and 4                      (d) 3 and 4

**Ans. (b) :** Dadri and Singrauli are coal based power plants situated in Uttar Pradesh. There are 5 coal based power plants Situated in Uttar Pradesh namely Singrauli, Dadri, Rihand, Firozganndhi Unchahar, Tanda.

8. Which of the following is not correctly matched?

- | (Animal)    | – | (Breed)   |
|-------------|---|-----------|
| (a) Cow     | – | Deoni     |
| (b) Goat    | – | Barbari   |
| (c) Buffalo | – | Bhadawari |
| (d) Sheep   | – | Gir       |

**Ans. (d) :**

Animal	–	Breed
a. Cow	–	Deoni
b. Goat	–	Barbari
c. Buffalo	–	Bhadawari
d. Cow	–	Gir/Gyr.

9. Match List-I with List-II and select the correct answer using the code given below the lists-

List-I (Books)	1	List-II (Breed)
<b>A Ras Panchadhyayi</b>		<b>Vrindavan Das</b>
<b>B Chaitanya Bhagvata</b>	<b>2</b>	<b>Jayananda</b>
<b>C Chaitanya Mangal</b>	<b>3</b>	<b>Nand Das</b>
<b>D Bhakti Ratnakara</b>	<b>4</b>	<b>Narahari Cakravarti</b>

Code-

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 3 | 4 | 2 | 1 |
| (b) | 2 | 3 | 4 | 1 |
| (c) | 3 | 1 | 2 | 4 |
| (d) | 4 | 3 | 1 | 2 |

**Ans. (c) :**

Books	–	Author
a. Ras Panchadhyayi	–	Nand Das
b. Chaitanya Bhagvata	–	Vrindavan Das
c. Chaitanya Mangal	–	Jayananda
d. Bhakti Ratnakara	–	Narahari

10. Which one of the following groups of diet provides maximum energy to human body?

- (a) Fat, Protein, Vitamin  
(b) Vitamin, Mineral, Water  
(c) Carbohydrate, Fat, Protein  
(d) Carbohydrate, Protein, Vitamin

**Ans. (c) :** Groups of diet which provides maximum energy to human body is carbohydrates, fat, protein. These are main types of macronutrients in food. Macronutrients are nutrients that are required daily in large quantities. They differ in amount of energy and how quickly they supply energy. Carbohydrates are the quickest and Fats are the slowest in terms of energy supply

11. Who among the following Indian leaders participated in all the three round table conferences?

- (a) Mahatama Gandhi      (b) B.S. Munje  
(c) Dr. B.R. Ambedakar      (d) C.Y. Chintamani

**Ans. (c) :** Dr. B.R. Ambedakar was the Indian leader who participated in all the three round table conferences. The first conference took place in 1930, second conference in 1931 and Third conference in 1932. Gandhi ji joined only in second round table conference. Tej Bahadur sapru also attended all 3 round table conferences.

12. Which one of the following countries is not situated along the coast of Baltic Sea?

- (a) Latvia and Poland  
(b) Latvia and Russia  
(c) Sweden and Russia  
(d) Sweden and Norway

**Ans. (d) :** There are nine countries with a shoreline at the Baltic sea i.e. Denmark, Germany, Poland, Russia, Lithuania, Latvia, Estonia, Finland and Sweden. Norway is NOT situated along the Coast of Baltic sea.

13. Which of the following state has won maximum number of medals in India skills 2021 competition, the result of which was declared by Government of India in January 2022?

- (a) Gujarat                      (b) Maharashtra  
(c) Kerala                      (d) Odisha

**Ans. (d) :** Odisha won maximum number of medals (51) in India skills 2021 competition, the result of which was declared by Government of India in January 2022. Competition was held at New Delhi.

14. With reference to the 'Trishul Peak in Himalayas', which of the following statements is/are correct?

- (1) It is situated in Bageshwar district of Uttarakhand.  
(2) The peak is more than 7500 m high.

Select the correct answer from the code given below

Code -

- (a) Only 1                      (b) Only 2  
(c) Both 1 and 2              (d) Neither 1 nor 2

**Ans. (a) :** Trishul peak in Himalayas is situated in Bageshwar district of Uttarakhand. Trishul is a group of three Himalayan mountain peaks of western kumaon with highest reaching 7120m. So, statement (2) is wrong. The Trishul group forms the southwest corner of the ring of peaks enclosing the Nandadevi Sanctuary.

**15. Which one of the following is not a sub-category of terrestrial ecosystem?**

- (a) Mountain ecosystem
- (b) Marine ecosystem
- (c) Lowland ecosystem
- (d) Semi-arid ecosystem

**Ans. (b) :** Marine ecosystem is not a sub-category of Terrestrial ecosystem whereas mountain ecosystem, Lowland ecosystem and semi-arid ecosystem are sub-category of Terrestrial ecosystem. Terrestrial ecosystem is a land based community of organisms in a given area. Examples are Taiga, Tundra, Forests, temperate deciduous, Tropical Rainforests, Grasslands and Deserts.

**16. With reference to India's Third National Water Awards declared in January 2022, which of the following statements is/are correct?**

- (1) Uttar Pradesh was declared winner in the 'Best State Category'.
  - (2) Muzaffarnagar in Uttar Pradesh was declared as the best district in 'North Zone Category'.
- Select the correct answer using the code given below

**Code-**

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**Ans. (c) :** With reference to India's Third National Water Awards declared in January 2022, Uttar Pradesh was declared winner in the "best state category" Muzaffarnagar in the Uttar Pradesh was declared as the best district in 'North zone category'. National Water Awards is given for exemplary work in the field of water resource management, First award was launched in 2018, by Jal shakti ministry.

**17. Part IX - A of the Constitution of India gave a constitutional foundation to the Local Self Government units in the following areas-**

- 1. Rural areas
- 2. Urban areas

Select the correct answer from the code given below the lists

**Code-**

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**Ans. (b) :** Part IX-A of the constitution of India gave a Constitutional foundation to the local self Government units in urban areas. This part was added by the 74<sup>th</sup> Amendment Act 1992 comprising Articles 243P to 243ZG.

**18. Which one of the following is a bio-diesel plant?**

- (a) Jatropha
- (b) Java Grass
- (c) Roshia Grass
- (d) Guggul

**Ans. (a) :** Biodiesel is an alternative clean- burning renewable fuel similar to conventional diesel. It is produced by using animal fats, vegetable oils and waste cooking oil. First generation biofuels are made from food sources, second generation biofuels are produced from non-food crops or not edible food crops and third generation biofuels are produced from micro-organisms like algae, Fourth generation biofuels are made from crops that are genetically engineered. Jatropha, Pongamia etc, are example of bio-fuel plants.

**19. Mandsaur - Prashasti presents the details of the achievements of which ruler?**

- (a) Skandagupta
- (b) Chandragupta-II
- (c) Ramagupta
- (d) Kamaragupta-I

**Ans. (d) :** Mandsaur - Prashasti presents the details of the achievements of ruler Kumaragupta-I. It has also given historical details about Yashodharman. Mandsaur inscription of Kumaragupta was written by Vatsabhata. The mandsaur inscription refers to Kumara Gupta 'reigning over the whole earth'.

**20. With reference to 'Parvati Arga' Ramsar site, which of the following statements is/are correct?**

- (1) It is situated in Gonda district of Uttar Pradesh
- (2) It is a bird sanctuary.

Select the correct answer using the code given below

**Code -**

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**Ans. (c) :** 'Parvati Arga' Ramsar site is situated in Gonda district of Uttar Pradesh, it is a bird sanctuary. The sanctuary is a refuge for some of India's threatened vulture species. India has presently 75 Ramsar sites, Tamil Nadu has maximum number of Ramsar sites followed by Uttar Pradesh.

**21. The first Krishi Vigyan Kendra was established in 1974 at which of the following place?**

- (a) Chandigarh
- (b) Nagpur
- (c) Hyderabad
- (d) Pondicherry

**Ans. (d) :** The first Krishi Vigyan Kendra was established in 1974 at Pondicherry. It was established under the administrative control of the Tamil Nadu Agricultural University, Coimbatore,

**22. Uttar Pradesh has secured which place in Swachh Survekshan, 2021?**

- (a) Fourth
- (b) Third
- (c) Sixth
- (d) None of the above

**Ans. (c) :** Uttar Pradesh has secured sixth place in Swachh survekshan, 2021. Uttar Pradesh, among the 13 states in the country with more than 100 urban local bodies, cities were ranked based on three broad parameters - service level progress, citizens voice and certification. It is the 6<sup>th</sup> Edition of Swachh Survekshan. For the year 2022, U.P. has been ranked 10<sup>th</sup>.

23. Which one of the following river basin is the largest in area?

- (a) Kaveri (b) Mahanadi  
(c) Narmada (d) Tapti

**Ans. (b) :** Mahanadi river basin is the largest in area. Its area is 1,41,589 sq. km. Narmada river basin area is 98,796 sq.km and Tapti river basin area is 65,145 sq. km.

24. Match List-I with List-II and select the correct answer from the code given below the lists-

	List-I		List-II
	(Name of Scientist)		(Area of work)
A	Birbal Sahni	1	Green Revolution
B	K.C. Mehta	2	Embryology
C	P. Maheshwari	3	Paleobotany
D	M.S. Swaminathan	4	Plant pathology

Code-

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 3 | 4 | 2 | 1 |
| (c) | 2 | 1 | 3 | 4 |
| (d) | 4 | 3 | 2 | 1 |

**Ans. (b) :**

Name of scientist	Area of work
a. Birbal Sahni	Paleobotany
b. K.C. Mehta	Plant pathology
c. P. Maheshwari	Embryology
d. M.S. Swaminathan	Green Revolution

25. 'Uttar Pradesh Diversified Agriculture Support Project' (UP DASP) was sponsored in Uttar Pradesh by-

- (a) Government of Uttar Pradesh  
(b) Central Government  
(c) World Bank  
(d) None of the above

**Ans. (c) :** Uttar Pradesh Diversified Agriculture support Project (UP DASP) was sponsored in Uttar Pradesh by World Bank. The principle objectives of UP DASP are to increase Agricultural productivity, to promote private sector indevelopment, and to improve rural infrastructure.

26. 'Krishak Samridhi Aayog' was established in Uttar Pradesh in which of the following year?

- (a) 2016 (b) 2017  
(c) 2018 (d) None of the above

**Ans. (b) :** 'Krishak Samridhi Aayog' was established in Uttar Pradesh in the year 2017. It was established for the benefit of the state's farmers. The goal of this commission was to quadruple farmer's income by the year 2022. The chief minister of the state acts as the Chairman of this Aayog.

27. With reference to Sher Shah Suri, which of the following statements is/are correct?

1. He was the architect of a brilliant administrative system.
2. However his qualities as a ruler were not more remarkable than his victories on the field of battle.

Select the correct answer from the code given below

Code -

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (a) :** Sher Shah Suri was a brilliant administrator. He introduced many reforms that became a solid base of Mughal Administration. He was one of the greatest administrator of medieval India. His qualities as a ruler is more remarkable than his victories on the field of battle.

28. At which one of the following places was India's first 'Open Rock Museum' inaugurated in January 2022?

- (a) Dehradun (b) Nanital  
(c) Hyderabad (d) Mount Abu

**Ans. (c) :** India's first 'Open Rock museum' was inaugurated in January 2022 in Hyderabad. It displays around 35 different types of rocks from different parts of India with ages raging from 3.3 billion years to around 55 million years to the Earth's history.

29. Who built the mosque "Qila-E Kuhna" inside Purana Qila of Delhi?

- (a) Humayun (b) Sher Shah  
(c) Akbar (d) Shah Jahan

**Ans. (b) :** Sher Shah built the mosque "Qila-E Kuhna" inside Purana Qila of Delhi. It was built in 1541. This along with Sher mandal, are the only two surviving structures of Delhi's Purana Qila, Which was conceptualized and started by Shershah.

30. As per the 'India State of Forest Report 2021', how many states/union territories have over 33% of their geographical area under forest?

- (a) 07 (b) 13  
(c) 17 (d) 23

**Ans. (c) :** As per the 'India State of Forest Report 2021', 17 states union territories have over 33% of their geographical area under forest. It is the 17<sup>th</sup> biennial assessment of India's forest. The Total Forest and tree cover is 24.62% of the geographical area of the country.

31. Who among the following athletes was declared 'Athlete of the year 2021' by the Time Magazine in December 2021?

- (a) Caeleb Dressel (b) Lewis Hamilton  
(c) Neeraj Chopra (d) Simone Biles

**Ans. (d) :** Simone Biles was declared 'Athlete of the year 2021' by the Time Magazine in December 2021. Simone Biles is world's number one gymnast. She was hailed for putting her mental health first when she withdrew from four event finals at the Tokyo Olympics.

**32. Consider the following events and arrange them into chronological order-**

- (1) Establishment of NABARD
- (2) Bank linkage programme of self help group
- (3) Kisan Credit Card yojana
- (4) Establishment of Regional Rural Bank

**Code -**

- (a) (4), (1), (2) and (3) (b) (4), (2), (3) and (1)  
 (c) (1), (2), (3) and (4) (d) (4), (3), (2) and (1)

**Ans. (a) :** Correct chronological order is-  
 Establishment of Regional Rural Bank (RRB) - 1975  
 Establishment of NABARD- 1982.  
 Bank linkage programme of self help group (SHP) - 1992-93  
 Ksan Credit card yojana- 1998

**33. With reference to the India's National Youth Festival organised in January 2022, which of the following statements is/are correct?**

- (1) This was 20<sup>th</sup> edition of the National Youth Festival.
- (2) It was organised at Pondicherry.

Select the correct answer using the code given below

**Code -**

- (a) Only 1 (b) Only 2  
 (c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (b) :** With reference to the India's National youth festival organised in January 2022, It was organised at Pondicherry. It was organised by Ministry of Youth Affairs and Sports. This was 25<sup>th</sup> edition of National youth festival. It was started on birth anniversary of Swami Vivekananda on 12 January.

**34. Government of India has passed 'Protection of Plant Varieties and Farmers Right Act' in which of the following year?**

- (a) 2001 (b) 2005  
 (c) 2015 (d) None of the above

**Ans. (a) :** Government of India has passed 'Protection of plant varieties and Farmers Right Act' in 2001. It provide for the establishment of an effective system for the protection of plant varieties, the rights of framers and plant breeders and to encourage the development of new varieties of plants.

**35. Which one of the following city was not among the top three positions in the Sustainable Development Goal Urban Index and Dashboard 2021-22 declared by the NITI Aayog in November 2021?**

- (a) Coimbatore (b) Chandigarh  
 (c) Indore (d) Shimla

**Ans. (c) :** Indore is the city which was not among the top three cities in the sustainable Development Goal Urban Index and Dashboard 2021-22 declared by the NITI Aayog in November 2021. Top performers are Shimla, Coimbatore, Chandigarh, Thiruvananthapuram and Kochi, while the worst performer is Dhanbad.

**36. The National Development Council was formed in the year-**

- (a) 1950 (b) 1952  
 (c) 1954 (d) None of the above

**Ans. (b) :** The National Development Council was formed in the year 1952. It is an apex body for decision making and deliberations on development matters in India presided over by the Prime Minister. It was setup to strengthen and mobilize the effort and resources of the nation in support of the plan and to ensure the balanced and rapid development of all parts of the country.

**37. The headquarter of Small Industries Development Bank of India (SIDBI) is located at which one of the following place?**

- (a) Kanpur (b) Lucknow  
 (c) Ghaziabad (d) None of the above

**Ans. (b) :** The headquarter of small industries development Bank of India (SIDBI) is located in Lucknow. Set up on 2<sup>nd</sup> April, 199, it acts as the principle financial institution for promotion financing and development of MSMEs.

**38. 'Ringelmann Scale' is used to measure the density of the following-**

- (a) fog (b) noise  
 (c) polluted water (d) smoke

**Ans. (d) :** 'Ringelmann scale' is used to measure the density of smoke, It was developed by Maximilien Ringelmann of Paris in 1888. The scale has 5 levels of density inferred from a grid of black lines on a white surface.

**39. With reference to a book, the following information are given-**

- (1) Introduction
- (2) Contents
- (3) Chapters
- (4) Index
- (5) Title

Select the correct logical arrangement from the code given below

**Code-**

- (a) 1, 3, 5, 2 and 4 (b) 2, 4, 1, 5 and 3  
 (c) 5, 2, 1, 3 and 4 (d) 3, 5, 1, 4 and 2

**Ans. (c) :** The words are given found typically found inside a book.

They must be arranged in the order in which they appear. So the order of these word. 5, 2, 1, 3 and 4

**40. Which one of the following Scheduled Tribes is not found in Varanasi district of Uttar Pradesh?**

- (a) Chero (b) Gond  
 (c) Kharwar (d) Sahariya

**Ans. (d) :** Sahariya Scheduled Tribe is not found in Varanasi district of Uttar Pradesh. Chero, Gond and Kharwar is found in Varanasi. Sahariya tribes in Uttar Pradesh are found in Lalitpur district.

**41. River Ganga enters in Uttar Pradesh from which district?**

- (a) Bijnor (b) Meerut  
(c) Saharanpur (d) J.P. Nagar

**Ans. (a) :** River Ganga enters in Uttar Pradesh from Bijnor district. It flows through 27 districts of Uttar Pradesh, covering 1140 km. River Ganga Passes through major districts like Prayagraj, Varanasi, Kanpur, Aligarh, Mirzapur etc.

**42. The Provision of a joint sitting of both the Houses of Parliament is mentioned in the Constitution under the following Article-**

- (a) 100 (b) 108  
(c) 110 (d) None of the above

**Ans. (b) :** The Provision of a joint sitting of both the Houses of Parliament is mentioned in the constitution under Article 108. The joint sitting of the parliament is called by the President and is presided over by the speaker. Till now joint sitting of Indian parliament has been called for 3 bills-

1. Dowry Prohibition Bill, 1961
2. Banking service Commission (Repeal) Bill, 1987.
3. Prevention of Terrorism Bill, 2002.

**43. Who among the following was not a great entity in the field of Hindustani music?**

- (a) Raja Mansingh Tomar  
(b) Tansen  
(c) Sadarang - Adarang  
(d) Mal Gurjari

**Ans. (d) :** Mal Gurjari was not a great entity in the field for Hindustani music. Mal Gurjari is a dhrupad piece developed by Raja Man Singh Tomar. Rest of the given names are of famous Hindustani musicians.

**44. The Provision of three legislative lists is found in the following Schedule of the Constitution-**

- (a) VI (b) VII  
(c) VIII (d) None of the above

**Ans. (b) :** The Provision of three legislative lists is found in VII- Schedule of the Constitution. There are 12 schedules of Indian Constitution. 7<sup>th</sup> schedule deals with division of power between the Union government and state governments. Three lists given in seventh schedule are –

1. Union list – List I – 97 subjects
2. State list – List II – 66 subjects
3. Concurrent list – List III – 57 subjects

**45. Who was not the initial member of the 'Naujawan Sabha' formed in 1926?**

- (a) Ambika Chakravarti  
(b) Yashpal  
(c) Bhagat Singh  
(d) Chhabil Das

**Ans. (a) :** Ambika Chakravarti was not the initial member of the 'Naujawan sabha' formed in 1926. It was founded by Bhagat Singh in March 1926. The association sought to encourage revolution against the British Raj by gathering together worker and peasant youth. Its leaders were- Bhagat Singh, Yashpal', Chhabil Das, Chandrashekhar Azad etc.

**46. With reference to 'EASE-Index', which of the following statements is/are correct?**

- (1) It is a way to measure the performance of the Public Sector Bank.
- (2) It measures the ease of doing business for MSMEs in India.

Select the correct answer using the code given below

Code -

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (a) :** 'EASE-Index' is a way to measure the performance of the Public Sector Bank. Enhanced Access and service Excellence 4.0 (EASE 4.0) was launched recently by union Finance minister to undertake the annual performance review of the public sector Banks (PSBs).

**47. Which vitamin is soluble in water?**

- (a) Vitamin 'A' (b) Vitamin 'B'  
(c) Vitamin 'C' (d) Vitamin 'D'

**Ans. (b & c) :** Vitamin 'B' and Vitamin 'C' are soluble in water. Vitamin which dissolve in water are called water- soluble vitamins and which dissolve in liquid fat are called fat-soluble vitamins. Water-soluble vitamins are generally not stored in the body.

**48. Which one among the following is measured by Dobson unit?**

- (a) Ozone concentration  
(b) Thermal conductivity  
(c) Soil moisture  
(d) Radiation

**Ans. (a) :** Ozone concentration is measured by Dobson unit. The "Dobson unit" indicates how much of a given trace gas is in the air above a certain point on earth.

**49. Who among the following was the President of the 'All India Trade Union Congress' in 1929?**

- (a) M.N. Roy  
(b) Jayaprakash Narayan  
(c) Jawaharlal Nehru  
(d) S.A. Dange

**Ans. (c) :** Jawaharlal Nehru was the President of the "All India Trade Union congress" in 1929. AITUC is the oldest trade union in India. It was formed in 1920 in Bombay with its first President Lala lajpat Rai, Since its inception, AITUC was the primary trade union organisation in India working under the Indian National congress.

50. Lake Balkhash is situated in which one of the following countries?

- (a) Kazakhstan (b) Kyrgyzstan  
(c) Russia (d) Turkmenistan

**Ans. (a) :** Lake Balkhash is situated in Kazakhstan. It is one of the largest lakes in Asia. It lies in the Balqash - Alakol basin, the basin drains seven rivers. It is shrinking due to diversion and detraction of water from its feeders. The lake's eastern part is saline and western part is fresh water.

51. Arrange the following Mesolithic sites geographically in order from west to east-

1. Paisra
2. Lekhahia
3. Birbhanpur
4. Mahadaha

Select the correct answer from the code given below

Code -

- (a) 4, 2, 3 and 1 (b) 1, 4, 3 and 2  
(c) 4, 2, 1 and 3 (d) 2, 4, 1 and 3

**Ans. (c) :** Mesolithic sites geographically in order from west to east is Mahadaha, Lekhahia, Paisra and Birbhanpur. Mahadaha is in Pratapgarh (Uttar Pradesh), Lekhahia in Mirzapur (Uttar Pradesh), Paisra in Bihar and Birbhanpur in West Bengal.

52. Match List-I with List-II and select the correct answer from the code given below the lists-

List-I		List-II	
A	Vitamin	1	Pepsin
B	Enzyme	2	Carotene
C	Hormone	3	Keratin
D	Protein	4	Progesterone

Code-

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 1 | 2 | 4 | 3 |
| (c) | 2 | 1 | 3 | 4 |
| (d) | 2 | 1 | 4 | 3 |

**Ans. (d) :** List-I List-II  
a. Vitamin – Carotene  
b. Enzyme – Pepsin  
c. Hormone – Progesterone  
d. Protein – Keratin.

53. Match List-I with List-II and select the correct answer using the code given below the lists-

List-I (Place)		List-II (Related Tirthankar)	
A	Shravasti	1	Rishbhanath
B	Kakandi	2	Padmaprabhu
C	Ayodhya	3	Suvidhanath
D	Pabhosa	4	Sambhavnath

Code -

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 3 | 1 | 2 | 4 |
| (b) | 2 | 4 | 1 | 3 |
| (c) | 4 | 3 | 1 | 2 |
| (d) | 3 | 2 | 4 | 1 |

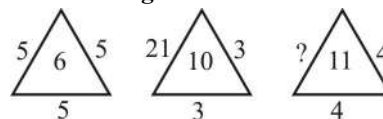
**Ans. (c) :** Place Related Tirthankar  
a. Shravasti – Sambhavnath  
b. Kakandi – Suvidhanath  
c. Ayodhya – Rishabhanath  
d. Pabhosa – Padmaprabhu

54. Which one of the following city was awarded a star rating in the 'Garbage Free Cities' category in Uttar Pradesh in Swachh Survekshan 2021?

- (a) Aligarh (b) Gorakhpur  
(c) Prayagraj (d) Varansi

**Ans. (a) :** Aligarh was awarded a star rating in the 'Garbage Free Cities' category in Uttar Pradesh in Swachh Survekshan 2021. Nodal Ministry is Ministry of Housing and Urban Affairs (MoHUA). Other cities of Uttar Pradesh which got awarded are Noida, Ghaziabad, Jhansi and Lucknow.

55. Find the missing number-



- (a) 16 (b) 20  
(c) 28 (d) 32

**Ans. (c) :**  $\frac{5 \times 5 + 5}{5} = 6$

and

$$\frac{3 \times 3 + 21}{3} = 10$$

Similarly

$$\frac{4 \times 4 + ?}{4} = 11$$

$$16 + ? = 44$$

$$? = 28$$

Hence, 'c' is correct option.

56. In 1809, Raja Ram Mohan Roy wrote his famous book "Gift to Monotheist" in which of the following language?

- (a) English (b) Urdu  
(c) Persian (d) Bengali

**Ans. (c) :** In 1809, Raja Ram Mohan Roy wrote his famous book "Gift to Monotheists" in Persian language. The original title of the book is Tuhafat-al-Muwahidin in which he strongly supported believe in one God.

57. Which one of the following is a plant hormone?

- (a) Insulin (b) Cytokinin  
(c) Thyroxin (d) Oestrogen

**Ans. (b) :** Cytokinin is a plant hormone. Plant hormones are chemicals produced by plants that regulate their growth, development, reproductive processes, longevity and death. Six major plant hormones are auxins, abscisic acid, cytokinins, ethylene, gibberellins and brassinosteroids. Insulin, Thyroxin and Oestrogen are human hormones.

**58. Plants accepts nitrogen in which form?**

- (a) Nitrogen gas (b) Nitrite  
(c) Nitrate (d) Ammonia

**Ans. (c) :** Plants accepts nitrogen in nitrate form. Nitrification is the biological oxidation of ammonia to nitrite which is followed by oxidation of nitrite to nitrate. Nitrates are used by the plants for making amino acids, which are needed to make proteins. Plant absorb nitrates from the soil through their root hairs.

**59. Match List-I with List-II and select the correct answer from the code given below the lists-**

List-I (Emperor)		List-II (Diwan)	
<b>A Akbar</b>	<b>1</b>	<b>Ghiyas Beg</b>	<b>Itmad-ud-Daulah</b>
<b>B Jahangir</b>	<b>2</b>	<b>Asad Khan</b>	
<b>C Shah Jahan</b>	<b>3</b>	<b>Muzaffar Khan</b>	
<b>D Aurangzeb</b>	<b>4</b>	<b>Sadullah Khan</b>	

**Code-**

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 4 | 3 | 2 |
| (b) | 2 | 3 | 1 | 4 |
| (c) | 3 | 2 | 1 | 4 |
| (d) | 3 | 1 | 4 | 2 |

**Ans. (d) :**

Emperor	Diwan
a. Akbar	Muzaffar khan
b. Jahangir	Ghiyas Beg Itmad-ud-Daulah.
c. Shah Jahan	Sadullah khan.
d. Aurangzeb	Asad khan.

**60. Which one of the following is not correctly matched?**

- | (Institute)                                | (Location)  |
|--|-------------|
| (a) National Centre of Organic Farming     | – Ghaziabad |
| (b) Indian Institute of Pulses Research    | – Kanpur    |
| (c) Indian Institute of Vegetable Research | – Gorakhpur |
| (d) Indian Institute of Sugarcane Research | – Lucknow   |

**Ans. (c) :**

- National center of organic Farming- Ghaziabad
- Indian Institute of pulses Research-Kanpur
- Indian Institute of Vegetable Research-Varanasi
- Indian Institute of sugarcane Research-Lucknow

**61. Ahmed Naser Al-Raisi, who was elected President of the Interpol in November 2021, is from which of the following country?**

- (a) Kuwait (b) Saudi Arabia  
(c) Turkey (d) United Arab Emirates

**Ans. (d) :** Ahmad Naser Al-Raisi, who currently serves as the President of Interpol belongs to UAE (United Arab Emirate). His tenure will be of 4 years. Interpol (International Germinal Police Organization) is an inter-governmental organization of 195 member countries. Head quarter of Interpol is at Lyon (France).

**62. Which of the following crop is covered for price control under the price stabilization fund of the Government of India?**

- (a) Wheat (b) Potato  
(c) Rice (d) None of the above

**Ans. (b) :** The Price stabilization Fund (PSF) was set up in 2014-15 under the Department of Agriculture, cooperation & Farmers welfare (DAC & FW) to help regulate the price volatility of important Agri-Horticultural commodities like onion, potatoes. The PSF scheme was transferred from DAC&FW to the Department of Consumer Affairs (DOCA) w.e.f 1<sup>st</sup> April 2016. PSF scheme provides for the advancement of interest- free loans to state Governments/Union Territories (UTs) and central Agencies to finance their working capital and other expenses.

**63. With reference to Commerce, which of the following statements is/are correct?**

- (1) It is the field of business that assists in the removal of all impediments to the facilitation of exchange.  
(2) It deals with the factors of delivering the products to the consumers.

Select the correct answer using the code given below

**Code -**

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (c) :** Commerce is the exchange of goods and services between businesses. Commerce is the trade of goods, services or other things of value between companies or organizations. It is the field of business that assists in the removal of all impediments to the facilitation of exchange. It deals with the factors of delivering the products to the consumers.

**64. United Nations General Assembly has declared the year 2023 as the International year of-**

- (a) Oilseed crops (b) Pulse crops  
(c) Millet crops (d) Animal fodder crops

**Ans. (c) :** United Nations General Assembly has declared the year 2023 as the International Year of Millet. The International Year of Millets stands to provide a unique opportunity to increase global production, ensure efficient processing and consumption, promote a better utilization of crop rotations, and encourage better connectivity throughout food systems to promote millets as a key component of the food basket.



65. Which one of the following tree is not found in the Mediterranean forest?

- (a) Teak (b) Oak  
(c) Chestnut (d) Olive

**Ans. (a) :** Teak is found in Tropical forests. Mediterranean forests are generally composed of broadleaf trees such as oak, Chestnut, olive, pine etc. Mediterranean forests are found in central Chile, Australia, Africa, southwest USA and regions around Mediterranean sea.

66. Which one of the following mangrove areas is situated in the delta region of Godavari river?

- (a) Coondapoor (b) Honnavar  
(c) Malpe (d) Coringa

**Ans. (d) :** Coringa mangrove forest is located in the Godavari delta, Andhra Pradesh, India. The following three dominant mangrove plants, Avicennia marina, Excoecaria agallocha and Sonneratia apetala were found to be present on the banks of a major channel of the Godavari river running through the forest.

67. Which one of the following Ramsar Wetland sites is situated in any state of India?

- (a) Hokera Wetland  
(b) Point Calimere Wildlife and Bird Sanctuary  
(c) Tso Moriri Lake  
(d) Wular Lake

**Ans. (b) :** Established in the year of 1967, Point Calimere wildlife and sanctuary (PCWBS) is situated in protected area in Tamil Nadu. It was created for conservation of the least concern black buck antelope, an endemic mammal species of India. PCWBC forms the easternmost and most biologically diverse part of Ramsar site (2002) in India. It extends upto 385 sq. km and comprises Panchanadikulam wetland, Unsurveyed salt swamp and Muthupet Mangroves.

• **Note :-** Other Ramsar sites given in the question are situated in Union Territories of Jammu & Kashmir and Ladakh of India.

68. In the event of vacancy in the office of both President and Vice President, who shall discharge the functions of President?

- (a) Prime Minister  
(b) Lok Sabha Speaker  
(c) Chief Justice of India  
(d) None of the above

**Ans. (c) :** In the event of vacancy in the office of both, President and Vice President, the function of the president is discharged by the Chief Justice of India.

69. The first day of the year 2020 was Wednesday. What was the last day of the year 2021?

- (a) Thursday (b) Friday  
(c) Saturday (d) Sunday

**Ans. (a) :**

70. Consider the following events and arrange them into chronological order-

1. Project Elephant
2. Biological Diversity Act
3. Wildlife (Protection) Act
4. Project Tiger

Select the correct answer using the code given below

Code -

- (a) 3, 4, 1 and 2 (b) 3, 2, 4 and 1  
(c) 4, 3, 2 and 1 (d) 4, 3, 1 and 2

**Ans. (a) :** Wild life protection Act- 1972

Project Tiger-1973

Project elephant -1992

Biological Diversity Act - 2002

71. Which of the following is not a part of the Middle East?

- (a) Jordan and Israel  
(b) Lebanon and Israel  
(c) Syria and Lebanon  
(d) Jordan and Turkey

**Ans. (\*) :** The Middle east is a geographical and cultural region located primarily in Western Asia, but also in parts of Northern Africa and southeastern Europe

Countries:- Bahrain, Cyprus, Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, Turkey, UAE.

72. Gwadar Port in Pakistan is situated in which of the following provinces?

- (a) Balochistan  
(b) Khyber Pakhtunkhwa  
(c) Punjab  
(d) Sindh

**Ans. (a) :** Gwadar is a port city on the south western Arabian sea coastline of Pakistan in Balochistan province. Gwadar's Economy has, in the past been dependant mostly on fishing but now its economy is changing as Gwadar is slowly transforming into a major port city.

73. In 1817, the famous Hindu College was established by David Hare in-

- (a) Agra (b) Calcutta  
(c) Patna (d) Varanasi

**Ans. (b) :** Hindu college was established on 2<sup>th</sup> January 1817 in Calcutta. Founder were Raja Ram Mohan Roy, Radhakanta Deb, Rasamay Dutt, David Hare and Baidyanath Mukhopadhyaya.

74. How many times the 'date 29' will fall between January 1, 2022 and January 1, 2027?

- (a) 55 (b) 65  
(c) 56 (d) None of the above

**Ans. (c) :** February will be of 29 days in a leap year. So the date 29 between January 1, 2022 to January 1, 2027 will be = 11+11+12+11+11 = 56 days

75. Rocket works on which of the following principles?

- (a) Avogadro's concept
- (b) Energy conservation
- (c) Bernoulli's theorem
- (d) Momentum conservation

**Ans. (d) :** Rocket works on principle of momentum conservation i.e. principle of conservation of linear momentum. When the rocket is fired, the exhaust gases rush downward with tremendous speed, which gives the opposite momentum to the rocket which pushed the rocket upward.

76. Match List-I with List-II and select the correct answer from the code given below the lists-

	List-I (Monument)		List-II (Builder)
A	Atala Devi Masjid	1	Nusrat Shah
B	Chhota Sona Masjid	2	Ibrahim Shah Sharki
C	Qadam Rasul	3	Sikandar Shah
D	Adina Masjid, Pandua	4	Wali Muhammad

Code -

- |     |   |   |   |   |
|-----|---|---|---|---|
|     | A | B | C | D |
| (a) | 1 | 2 | 3 | 4 |
| (b) | 2 | 4 | 1 | 3 |
| (c) | 2 | 1 | 3 | 4 |
| (d) | 1 | 3 | 4 | 2 |

Ans. (b) : Monument	-	Builder
Atala Devi Masjid	-	Ibrahim Shah Sharqi
Chhota Sona Masjid	-	Wali Muhammad
Qadam Rasul	-	Nusrat Shah
Adina Masjid, Pandua	-	Sikandar Shah

77. Find out the alternative which will replace the question mark?

WATCH : 110 :: Time : ?

- (a) 54
- (b) 72
- (c) 94
- (d) 98

**Ans. (c) :**

$$\begin{array}{ccccccc} W & A & T & C & H & & \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & & \\ (23+1 & +20 & +3+8) & = & 55 \times 2 & & \\ & & & & = & 110 & \end{array}$$

Similarly

$$\begin{array}{ccccccc} T & I & M & E & & & \\ \downarrow & \downarrow & \downarrow & \downarrow & & & \\ (20+9 & +13 & +5) & = & 47 \times 2 & & \\ & & & & = & 94 & \end{array}$$

Hence 'c' is correct.

78. Consider the following events and arrange them into chronological order-

1. Akbar marries Princess of Amber
2. Battle of Tukaroi
3. Mughal Invasion of Orissa
4. Karrani's conquest of Orissa

Select the correct answer using the code given below

Code-

- (a) 1, 2, 3 and 4
- (b) 2, 1, 4 and 3
- (c) 2, 4, 3 and 1
- (d) 3, 1, 4 and 2

**Ans. (d) :** Mughal Invasion of Malwa- 1560

Akbar Marries Princes of Amber-1562

Karrani's conquest of Orrissa - 1567-68

Battle of Tukaroi- 1575

79. The Aspirational District Programme (ADP) of NITI Aayog was launched in-

- (a) January 2016
- (b) January 2017
- (c) January 2018
- (d) None of the above

**Ans. (c) :** The Aspirational District Programme (ADP) of NITI Aayog was launched in January 2018 by Prime minister of India, Narendra Modi. The Programme is anchored by NITI Aayog in partnership with state governments and district level administration. The programme aims to quickly and effectively transform 112 most under- developed districts across the country.

Key focus Areas- health and Nutrition, education, Agriculture & water Resources, Financial Inclusion & Skill Development and Basic infrastructure.

80. Bhutan conferred the 'Order of the Druk Ghyalpo', its highest civilian honour to the Prime Minister of which one of the following country in December 2021?

- (a) India
- (b) Mongolia
- (c) Nepal
- (d) Thailand

**Ans. (a) :** Prime Minister Narendra Modi has been conferred with the highest civilian award of Bhutan, "Order of the Druk gyalpo also known as Ngadag pel gi Khorla, on the occasion of the country's National Day- This was Modi's 10<sup>th</sup> international award given by Various governments.

81. As per Article 300 of the Constitution of India, the legal name of the Government of India is-

- (a) The Union Government
- (b) The Union of India
- (c) India
- (d) Bharat

**Ans. (b) :** As per Article 300 of the constitution of India, the legal name of the Government of India is- The Union of India. The Government of India may sue or be sued by the name of the Union of India.

82. Which of the following Article is related to the appointment of a Finance Commission by the President of India?

- (a) 200
- (b) 250
- (c) 280
- (d) None of the above

**Ans. (c) :** Article 280 provides for the Finance commission of India. The President of India constitute Finance commission at the expiration of every fifth year or at such other time as he considers necessary. N.K. Singh is currently serving as the 15<sup>th</sup> finance commission of India.

83. The Parliament of India has the 'Power to Legislate' for the following-

1. Union of India
2. Territory of India
3. Indian subject resident and their property situated anywhere in the world

Select the correct answer from the code given below

Code-

- (a) Only 1                      (b) 1 and 2 only  
(c) 2 and 3 only              (d) 1, 2 and 3

**Ans. (b) :** The parliament of India has the " power to legislate and make laws for union of India, Territory of India and Indian subject and their property situated within the national territory of India.

84. Which one of following city was not among the top three cleanest cities in more than one lakh population category in Swachh Survekshan 2021?

- (a) Indore                      (b) Surat  
(c) Tirupati                      (d) Vijayawada

**Ans. (c) :** Swachh Survekshan, conducted by MoHUA since 2016, is the world's largest urban sanitation and cleanliness survey. It has been instrumental in fostering a spirit of healthy competition among towns and cities to improve their service delivery to citizens. Swachh survekshan- 2021 was, the 6<sup>th</sup> edition.

Top three cleanest cities in more than one lakh population category in Swachh Survkshan 2021 are –

- Indore – First
- Surat – Second
- Vijayawada – Third

85. With reference to 'Lake Victoria in Africa', which of the following statements is/are correct?

- (1) The lake is surrounded by four countries.
- (2) It is situated in the African rift valley.

Select the correct answer using the code given below

Code-

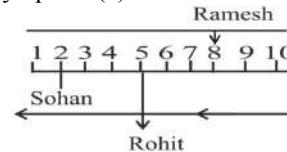
- (a) Only 1                      (b) Only 2  
(c) Both 1 and 2              (d) Neither 1 nor 2

**Ans. (b) :** Kenya, Tanzania and Uganda share lake Victoria. It is world's largest tropical lake and the second largest freshwater lake. It is situated in the African rift Valley. White Nile (also known as Victoria Nile) flows out of this lake.

86. In a queue of boys, Sohan is 9<sup>th</sup> from the back Ramesh's place is 8<sup>th</sup> from the front. Rohit is standing in between the two. What could be the minimum number of boys standing in the queue?

- (a) 10                              (b) 12  
(c) 14                              (d) 15

**Ans. (a) :** By option (a) -



Hence, minimum number of boys = 10

87. With reference to trade, which of the following statements is/are correct?

- (1) It represents demand and supply both.
- (2) It deals with only the demand side.

Select the correct answer using the code given below

Code-

- (a) Only 1                      (b) Only 2  
(c) Both 1 and 2              (d) Neither 1 nor 2

**Ans. (a) :** Trade in simple terms is basically an exchange, voluntary in nature between two parties in requirement of each others resources i.e. goods and services. This system is based purely on the concept of demand and supply both.

88. Antibiotics are mostly obtained from-

- (a) Fungi                              (b) Vinises  
(c) Bacteria                              (d) Augiosperms

**Ans. (c) :** Antibiotics are mostly obtained from bacteria while they are also obtained from fungi. Antibiotic is a medicine which is used for treatment of bacterial infections

89. Which of the following is not correctly matched?

- (a) Maize - Tasseling  
(b) Groundnut - Pegging  
(c) Chick pea - Tillering  
(d) Tobacco - Topping

**Ans. (c) :** Maize – Tasseling  
Groundnut – Pegging  
Tobacco – Topping

chick pea is not associated with Tillering.

Crops associated with Tillering are- Rice, Wheat, Sugarcane, Maize, etc.

90. Which one of the following country was not part of exercise 'Sea Dragon 2022' that started in the Pacific Ocean in January 2022?

- (a) India                              (b) Japan  
(c) Philippines                      (d) South Korea

**Ans. (c) :** Sea Dragon-2022 exercise that started in the Pacific Ocean in January 2022 sees the participation of QUAD Countries (India, Australia, Japan, USA), along with Canada and South Korea.

Sea Dragon is an annual, multi-national high end exercise hosted by the U.S Navy.

91. Who among the following was not nationalist poet in Pre-independent India?

- (a) Ranglal  
(b) Nabin Chandra Sen  
(c) Hem Chandra Banerjee  
(d) Shiv Kumar Batalvi

**Ans. (d) :** Shiv Kumar Batalvi was an Indian poet known for romantic poetry. He was a writer and a playwright of the Punjabi language. He was also known as "Birah Ka Sultan". He was not a nationalist poet in Pre-independence India.

92. With reference to 'Alaska' which of the following statements is/are correct?

- (1) It is oil producing state of United States of America.  
 (2) It was purchased from Russians in 1867.

Select the correct answer using the code given below

Code -

- (a) Only 1 (b) Only 2  
 (c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (c) :** Alaska was admitted in United States of America as 49<sup>th</sup> constituent State. Its capital is Juneau. It is largest U.S state by area. Oil and gas industry dominates the Alaskan economy and it is oil producing state of United States of America. It was purchased from Russia in 1867 (30<sup>th</sup> March 1867).

93. Who among the following was appointed as the tenth Chairman of the Indian Space Research Organisation (ISRO) in January 2022?

- (a) P.L.N. Raju (b) V. Hari Prasad  
 (c) C. Jagannathan (d) S. Somanath

**Ans. (d) :** S. Somanath was appointed as the 10<sup>th</sup> chairman of the ISRO (Indian Space Research Organisation) in January 2022. He has replaced K. Sivan.

94. 'Stand-up-India' scheme for promoting entrepreneurship is related to-

- (a) Minorities (b) OBC  
 (c) Handicapped (d) Women, SC and ST

**Ans. (d) :** Stand-up India scheme (2016) is for financing SC/ST and/or women entrepreneurs. The objective of the stand up India scheme is to facilitate bank loans between 10 lakh and 1 Crore to at least one scheduled caste (SC) or scheduled Tribe (ST) borrower and at least on women borrower per bank branch for setting up a Greenfield enterprise.

Eligibility- SC/ST or women entrepreneur above 18 years of age.

95. Which of the following countries from South Asia attended the Summit for Democracy hosted by the President of the United States, of America in December 2021?

- (a) India, Nepal and Maldives  
 (b) India, Pakistan and Nepal  
 (c) India, Sri Lanka and Maldives  
 (d) India, Bhutan and Nepal

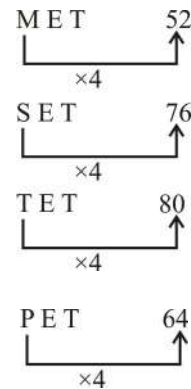
**Ans. (a) :** On December 9-10 2021, President Biden held the first of two summits for Democracy, which brought together leaders from government, civil society, and the private sector in the shared effort to set forth an affirmative agenda for democratic renewal and to tackle

the greatest threats faced by democracies today through collective action- India, Nepal, Maldives- Countries from south Asia attended this summit.

96. If MET, SET and TET are coded as 52, 76 and 80 respectively, then what will be the code for PET?

- (a) 48 (b) 56  
 (c) 64 (d) 72

**Ans. (c) :**



Similarly

Hence (c) is correct.

97. Which among the following was the first successfully cloned animal?

- (a) Dog (b) Rabbit  
 (c) Gibbon (d) Sheep

**Ans. (d) :** On July 5, 1996, Dolly the sheep- the first mammal to have been successfully cloned from an adult cell- is born of the Roslin Institute in Scotland. Dolly was part of a larger project to create transgenic (genetically modified) sheep that produced therapeutic proteins in their milk.

98. What was the disinvestment target for Public Sector Banks and Financial Institutions in the Union Budget 2020-21?

- (a) ₹ 80,000 Crores (b) ₹ 90,000 Crores  
 (c) ₹ 100,000 Crores (d) None of the above

**Ans. (c) :** Disinvestment target for public sector Banks and Financial Institutions in Union Budget 2020-21 was ₹ 100,000 crore.

Disinvestment refers to an act of a state to raise funds by selling ownership stake.

99. Central Institute of Medicinal and Aromatic Plants is situated at which of the following place?

- (a) Lucknow (b) Varanasi  
 (c) Gorakhpur (d) None of the above

**Ans. (a) :** Central Institute of Medicinal and Aromatic Plants is situated at Lucknow, Uttar Pradesh. It is a frontier plant research laboratory of Council of Scientific and Industrial Research (CSIR). It was established in 1959.

100. With reference to 'Indonesia', which of the following statements is/are correct?

- (1) It comprises of over 15,000 islands.  
 (2) It has over 150 active volcanoes.

Select the correct answer using the code given below

Code -

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (a) :** Indonesia, the island country is located in Maritime Southeast Asia, between the Indian ocean, Timor sea, Arafura sea and South China sea. Country consists of 5 major islands and about 30 smaller Island groups. There are a total of 17508 islands. As of 2021, there were 76 Active volcanoes in Indonesia. Hence 2<sup>nd</sup> statement is incorrect.

**101. As per the fourth edition of State Health Index released by the NITI Aayog in December 2021, which one of the following states performed best among the 'Smaller States' category?**

- (a) Goa (b) Manipur  
(c) Mizoram (d) Sikkim

**Ans. (c) :** NITI Aayog with assistance from the World Bank and with consultation with ministry of Health and Family welfare (MoHFW) had released 4<sup>th</sup> edition of state health Index in December 2021.

Ranking of states

Larger states

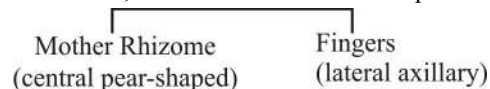
Top three states were UP, Assam, Telangana.

- Among smaller states Mizoram and Meghalaya have performed best.
- Union Territories  
Delhi followed by J&K.

**102. Turmeric is an example of underground stem, known as-**

- (a) Bulb (b) Tuber  
(c) Corm (d) Rhizome

**Ans. (d) :** Turmeric is an example of underground stem, known as Rhizome, which is divided into two parts:-



**103. What is cholesterol among the following?**

- (a) Steroid (b) Vitamin  
(c) Enzyme (d) Insecticide

**Ans. (a) :** Cholesterol is a waxy, fat like substance that's found in all the cells of body. It is also found in foods from animal sources. It is of two types:-

- (1) Low density lipoprotein (LDL)  
(2) High density lipoprotein (HDL)

Cholesterol belongs to the steroid family of lipid (fat) compounds.

**104. With reference to 'National Parks and Wildlife Sanctuaries in India', which of the following statements is/are correct?**

- (1) Highest number of national parks are in Madhya Pradesh.  
(2) Highest number of wildlife sanctuaries are in the Andaman and Nicobar island.

Select the correct answer using the code given below

Code-

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (c) :** Highest number of national parks are in Madhya Pradesh (9).

Highest number of wild life sanctuaries are in Andaman and Nicobar Island (96) followed by Maharashtra.

**105. Which of the following two states are the leading producer of bauxite in India, as per the Annual Report of the Ministry of Mines, 2020-21?**

1. Odisha  
2. Andhra Pradesh  
3. Chhattigarh  
4. Gujarat

Select the correct answer using the code given below

Code-

- (a) 1 and 2 (b) 1 and 3  
(c) 1 and 4 (d) 2 and 4

**Ans. (c) :** As per the Annual Report of the Ministry of Mines, 2020-21 the two states which are leading producer of Bauxite are- Odisha and Gujarat.

**106. To reduce the interest payment on the Electricity sector, which scheme has been launched by the Government of India?**

- (a) UJALA Scheme (b) Urja Ganga Scheme  
(c) UDAY Scheme (d) Saubhagya Scheme

**Ans. (c) :** UDAY (Ujwal DISCOM Assurance Yojana) was launched in November 2015 as centrally sponsored scheme under the Ministry of Power with objective of "financial turnaround of power distribution companies.

The scheme envisages:-

- Financial turnaround
- Operational improvement
- Reduction of cost of generation of power
- Development of Renewable energy
- Energy efficiency and conservation.

**107. In the following table, the missing number 'x' is-**

3	4	6
8	x	14
18	20	24

- (a) 9 (b) 10  
(c) 11 (d) 12

**Ans. (b) :**

┌──────────┴──────────┐	┌──────────┴──────────┐	┌──────────┴──────────┐
3×6=18-10	4×5= 20-10	6×4=24-10
=8	=10	=14

Hence, ? = 10

108. Which one of the following gases is used in manufacturing of polythene?

- (a) Ethylene (b) Carbon-di-oxide  
(c) Nitrogen (d) Carbon monoxide

**Ans. (a) :** Ethylene (C<sub>2</sub>H<sub>4</sub>) is used in manufacturing of polythene. Polythene is made by several methods by addition polymerization of Ethylene, which is principally produced by the cracking of ethane and propane, naphtha and gas oil.

109. According to the Constitution of India, the 'Executive Power of the Union' shall be vested in the

1. President  
2. Prime Minister

Select the correct answer from the code given below the lists-

Code-

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (a) :** Article 53 (1) of the Indian Constitution states that the executive power of the union shall be vested in the President and shall be exercised by him either directly or through officers subordinate to him in accordance with this constitution.

Part V of the Indian Constitution deals with "The executive of the Union" from Article 52 to 151.

110. Match List-I with List-II and select the correct answer from the code given below the lists-

	List-I (Minimum Qualification of Age)		List-II (Office/Post)
A	21 years	1	President of India
B	25 years	2	Member of Panchayat
C	30 years	3	Member of State Legislative Assembly
D	35 years	4	Member of State Legislative Council

Code-

- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 2 | 3 | 4 | 1 |
| (b) | 1 | 2 | 4 | 3 |
| (c) | 2 | 1 | 3 | 4 |
| (d) | 4 | 1 | 2 | 3 |

**Ans. (a) :** Minimum Qualification Office/Post  
21 years Member of Panchayat  
25 years Member of state legislative Assembly  
30 years Member of state legislative council  
35 years President of India.

111. With reference to the 'Galapagos Islands' situated in the Pacific Ocean, which of the following statements is/are correct?

- (1) They are formed due to volcanic activity.  
(2) They are part of South American nation Peru.

Select the correct answer using the code given below-

Code-

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (a) :** Galapagos Islands is a volcanic archipelago situated in Pacific ocean. They are part of the Republic of Ecuador. Most of the island is covered in semi desert vegetation, including scrublands, grasslands and dry forest. Galapagos Island is known for their distinctive endemic species such as giant tortoises, finches, galapagos lava lizards etc.

112. India is the largest producer of which of the following fruits in the world as per the Annual Report of the Department of Agriculture Co-operation and Farmers Welfare, Government of India, 2020-21?

1. Grapes  
2. mango  
3. Orange  
4. Papaya

Select the correct answer using the code given below-

Code-

- (a) 1 and 2 (b) 1 and 3  
(c) 2 and 3 (d) 2 and 4

**Ans. (d) :** According to Annual report of the Department of Agriculture Co-operation and Farmers Welfare, India is largest producer of Banana, mango and papaya in the world. India produces over 40% of mangoes in the world. India and Brazil accounts for 50% production of papaya in the world.

113. With reference to the statue of 'Nataraj the Lord of Dance', which of the following statements is/are correct?

1. The image represents dancing Shiva having four hands.  
2. In his right ear, he wears a man's earring, a women's in the left.

Select the correct answer using the code given below:

Code-

- (a) Only 1 (b) Only 2  
(c) Both 1 and 2 (d) Neither 1 nor 2

**Ans. (c) :** Statue of "Nataraj the Lord of Dance" is of Chola period. His dance is a manifestation of his panchkriya as or the 5 activities of Shiva that are creation, preservation, destruction, veiling and grace. The dancing shiva image represented by 4 hands. In his right ear, he wears a man's earring, a women's in the left.

114. If  $44 \times 75 = 7454$ ,  $83 \times 74 = 7348$  and  $55 \times 48 = 4585$ , then  $14 \times 45$  will be equal to-

- (a) 4145 (b) 4415  
(c) 4451 (d) 4154

**Ans. (c) :** Just as,  
 $44 \times 75 = 7454$   
 ab cd c b d a  
 $83 \times 74 = 7348$   
 ab cd c b d a  
 $55 \times 48 = 4585$   
 ab cd c b d a  
 Similarly,  
 $14 \times 45 = 4451$   
 ab cd c b d a

**115. As 'Part' is related to 'Whole', in the same way 'Arc' is related to, which of the following?**

- (a) Area
- (b) Chord
- (c) Circumference
- (d) Segment

**Ans. (c) :** Just as a 'part' is a small unit of the 'whole' similarly an arc is a small unit of "Circumference". Hence option 'c' is correct.

**116. Uttar Pradesh Council of Agricultural Research is located at which of the following place?**

- (a) Lucknow
- (b) Meerut
- (c) Gorakhpur
- (d) None of the above

**Ans. (a) :** Uttar Pradesh Council of Agricultural Research is located at Lucknow, Uttar Pradesh. UPCAR was established on June 14, 1989. It is an autonomous apex state organisation registered as a society, which plans, co-ordinates and promotes research, education, training and transfer of technology for advancement of agriculture and allied sciences research, teaching, training and technology transfer.

**117. With reference to Rhine river in Europe, which of the following statements is/are correct?**

- (1) Rhine river is an important pathway for industrial activity in Northern Germany.
- (2) Port of Rotterdam is located at the mouth of Rhine river.

Select the correct answer using the code given below-

**Code-**

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**Ans. (c) :** Rhine is one of the major European river. Its basin lies in Switzerland, Liechtenstein, Austria, Germany, France and Netherlands. It is second longest river in central and western Europe. Rhine river is an important pathway for industrial activity in western Germany. Port of Rotterdam is located at the mouth of Rhine river.

**118. With reference to the India International Trade Fair-2021, which of the following statements is/are correct?**

- (1) It was organised in November 2021 at Jaipur, Rajasthan,
- (2) Main theme of the event was 'Atmanirbhar Bharat'.

Select the correct answer from the code given below-

**Code-**

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**Ans. (b) :** 2021 India International Trade Fair was held between 14 to 27 November 2021 at Pragati Maidan, New Delhi. Main theme of the fair was 'Atmanirbhar Bharat'.

Focus states were UP and Uttarakhand and partner state was Bihar.

**119. When was India's first National Action Plan on climate change released?**

- (a) 2012
- (b) 2015
- (c) 2008
- (d) 2000

**Ans. (c) :** The Government of India launched first National Action Plan on Climate Change (NAPCC) on 30<sup>th</sup> June 2008 outlining 8 National Missions. These include:-

- (1) National Solar Mission
- (2) National Mission on Enhanced Energy Efficiency
- (3) National Mission on Sustainable Habitat
- (4) National Water Mission
- (5) National Mission for Sustaining Himalayan Ecosystem.
- (6) National Mission for Green India
- (7) National Mission for Sustainable Agriculture.
- (8) National Mission on Strategic Knowledge for Climate Change.

**120. Which one of the following is not correctly matched?**

(Place)	(Districts of Uttar Pradesh)
(a) Bateshwar	- Agra
(b) Deva Sharif	- Jaunpur
(c) Sankisa	- Farrukhabad
(d) Bithoor	- Kanpur

**Ans. (b) :**

(Place)	(Districts of Uttar Pradesh)
Bateshwar	Agra
Deva Sharif	Barabanki
Sankisa	Farrukhabad
Bithoor	Kanpur

**उत्तर प्रदेश समीक्षा अधिकारी/सहायक समीक्षा अधिकारी (मुख्य) परीक्षा, 2021**  
**सामान्य हिन्दी**

**व्याख्या सहित हल प्रश्न-पत्र** (परीक्षा तिथि : 24 अप्रैल, 2022)

1. निम्नलिखित में कौन सा वाक्य अशुद्ध है?

- (a) इसका तात्कालिक प्रभाव पड़ा।  
(b) पत्र किसके नाम पर लिखा गया है।  
(c) एक रुपये में कितने पैसे होते हैं?  
(d) भारत एक समृद्धिशाली देश है।

**Ans. (b) :** 'पत्र किसके नाम पर लिखा गया है' वाक्य अशुद्ध है। इसका शुद्ध रूप - 'पत्र किसके नाम लिखा गया है' होगा। शेष वाक्य शुद्ध हैं।

2. इनमें से विलोम शब्दों का गलत युग्म है—

- (a) आविर्भाव - विभाव (b) अपराधी - निरपराध  
(c) उन्मूलन - रोपण (d) विहित - निषिद्ध

**Ans. (a) :** दिए गए विलोम शब्द युग्मों में 'आविर्भाव - विभाव' युग्म गलत है। आविर्भाव का विलोम तिरोभाव होगा न कि विभाव।

3. तत्सम और उसके तद्भव रूप की दृष्टि से नीचे लिखे विकल्पों में कौन-सा विकल्प गलत है?

- (a) आर्द्रक - गीला (b) आदित्यवार - इतवार  
(c) उद्गलन - उगलना (d) उद्घाटन - उघाड़ना

**Ans. (a) :** दिए गए तत्सम और तद्भव युग्मों में 'आर्द्रक - गीला' युग्म गलत है। 'आर्द्रक' का तद्भव 'अदरक' होगा जबकि 'गीला', 'आर्द्र' का तद्भव है।

4. निम्नलिखित में कौन सा वाक्य शुद्ध है?

- (a) मेरे लिए ठंडी बर्फ और गर्म आग लाओ।  
(b) व्यायाम करना चाहिए जिससे कि स्वस्थ रहें।  
(c) एक-एक करके सभी मर गए।  
(d) तुम्हारा यह कहना मेरे लिए बड़ी बात होगी।

**Ans. (\*) :** दिए गए सभी वाक्य अशुद्ध हैं, इनका शुद्ध रूप निम्न हैं—

अशुद्ध वाक्य	शुद्ध वाक्य
मेरे लिए ठंडी बर्फ और गर्म आग लाओ।	मेरे लिए बर्फ और आग लाओ।
व्यायाम करना चाहिए जिससे कि स्वस्थ रहें।	व्यायाम करना चाहिए ताकि स्वस्थ रहें।
एक-एक करके सभी मर गए।	एक-एक कर सभी मर गए।
तुम्हारा यह कहना मेरे लिए बड़ी बात होगी।	तुम्हारा यह कहना मेरे लिए बड़ी बात होगा।

5. निम्नलिखित में एक तथ्य गलत है—

- (a) विशेषण से संज्ञा की व्याप्ति परिमित हो जाती है।  
(b) जिस विकारी शब्द से संज्ञा की व्याप्ति मर्यादित होती है, उसे विशेषण कहते हैं।  
(c) प्रयोग की स्थिति के आधार पर 'अंकित' शब्द विशेषण और विशेष्य दोनों हैं।  
(d) विशेषण शब्द सदैव विशेष्य के पहले प्रयुक्त होता है, विशेष्य के बाद कभी प्रयुक्त नहीं होता।

**Ans. (d) :** वाक्य में विशेषण का प्रयोग दो प्रकार से होता है—कभी विशेषण विशेष्य के पहले प्रयुक्त होता है और कभी विशेष्य के बाद। जब विशेषण विशेष्य से पहले प्रयुक्त होता है तो उसे उद्देश्य-विशेषण या विशेषण-विशेष्य कहते हैं और जब विशेषण विशेष्य के बाद प्रयुक्त होता है तो उसे विधेय-विशेषण कहते हैं। अतः विकल्प (d) गलत है।

6. संख्यावाचक विशेषण 'चौगुना' इनमें से है—

- (a) क्रमवाचक विशेषण (b) आवृत्तिवाचक विशेषण  
(c) गणनावचक विशेषण (d) समुदायवाचक विशेषण

**Ans. (b) :** 'चौगुना' आवृत्तिवाचक विशेषण है, जो कि संख्यावाचक विशेषण का एक प्रकार है।

**क्रमवाचक विशेषण** - पहला, दूसरा, तीसरा।

**गणनावचक विशेषण** - एक, दो, तीन।

**समुदायवाचक विशेषण** - दोनों, तीनों, चारों।

7. निम्नलिखित शब्दों में से कौन-सा शब्द मूल रूप से विशेषण है?

- (a) पतला (b) अर्थ  
(c) परिवार (d) परलोक

**Ans. (a) :** 'पतला' शब्द गुणवाचक विशेषण है। जबकि अन्य सभी विशेष्य हैं, जिनका विशेषण निम्न है—

विशेष्य	विशेषण
अर्थ	आर्थिक
परिवार	पारिवारिक
परलोक	पारलौकिक

8. इनमें से विशेषण शब्द नहीं है—

- (a) अकूत (b) अकर्ण  
(c) अचार (d) अचंड

**Ans. (c) :** दिए गए शब्दों में 'अचार' शब्द विशेषण न होकर विशेष्य है इसका विशेषण 'अचारी' होगा।



9. 'अनेक शब्दों के लिए एक शब्द' के नीचे लिखे विकल्पों में कौन-सा विकल्प गलत है?

- (a) जंगल की आग - दावानल  
(b) समुद्र की आग - बड़वानल  
(c) पेट की आग - जठराग्नि  
(d) आदि से अन्त तक - अनंत

**Ans. (d) :** वाक्यांश 'आदि से अन्त तक' के लिए एक शब्द 'आद्योपान्त' होगा। 'अनंत' शब्द 'जिसका अन्त न हो' के स्थान पर प्रयुक्त होता है।

10. 'अपनी विवाहिता स्त्री से उत्पन्न पुत्र' - इन अनेक शब्दों के लिए एक शब्द है-

- (a) जरायुज (b) जारज  
(c) दत्तक (d) औरस

**Ans. (d) :** वाक्यांश 'अपनी विवाहिता स्त्री से उत्पन्न पुत्र' के लिए एक शब्द 'औरस' होगा।

जरायुज - शिशु/जीव जो खेड़ी में लिपटा हुआ पैदा हो।

जारज - उपपति/गैर पुरुष से उत्पन्न पुत्र।

दत्तक - उत्तराधिकार के लिए गोद लिया गया पुत्र।

11. 'आवाँ' का तत्सम रूप होगा-

- (a) आग (b) अग्नि  
(c) आव (d) आपाक

**Ans. (d) :** 'आवाँ' का तत्सम रूप 'आपाक' होगा। दिए गये शब्दों में 'अग्नि' आग का तत्सम रूप है।

12. इनमें से 'सरल' शब्द का विलोम नहीं है-

- (a) विरल (b) वक्र  
(c) कुटिल (d) कठिन

**Ans. (a) :** 'विरल' शब्द 'सघन' का विलोम होता है न कि 'सरल' का, जबकि अन्य शब्द 'सरल' के विलोम हैं।

13. 'जो ज्ञात इतिहास से पहले का हो' के लिए एक शब्द है-

- (a) अनैतिहासिक (b) ऐतिहासिक  
(c) प्रागैतिहासिक (d) इनमें से कोई नहीं

**Ans. (c) :** वाक्यांश 'जो ज्ञात इतिहास से पहले का हो' के लिए एक शब्द 'प्रागैतिहासिक' होगा।

अनैतिहासिक - जो इतिहास से संबंधित न हो।

ऐतिहासिक - जो इतिहास से संबंधित हो।

14. 'जो अचानक आँखों से ओझल हो गया हो' - इन अनेक शब्दों के लिए एक शुद्ध शब्द है-

- (a) अन्तर्ध्यान (b) अन्तरध्यान  
(c) अन्तर्धान (d) अन्तरधान

**Ans. (c) :** वाक्यांश 'जो अचानक आँखों से ओझल हो गया हो' के लिए शुद्ध शब्द 'अन्तर्धान' होगा।

15. निम्नलिखित में विलोम शब्दों का सही युग्म है-

- (a) आग्रह - विग्रह (b) गणतन्त्र - लोकतन्त्र  
(c) आकीर्ण - विकीर्ण (d) थोक - परचून

**Ans. (c) :** 'आकीर्ण - विकीर्ण' विलोम शब्द का सही युग्म है। जबकि अन्य शब्दों का सही विलोम युग्म इस प्रकार है-

शब्द	विलोम
आग्रह	अनाग्रह
गणतन्त्र	राजतंत्र
थोक	फुटकर
अनुग्रह	विग्रह

16. निम्नलिखित में से एक अशुद्ध वाक्य है-

- (a) पूज्यास्पद व्यक्ति का सम्मान करना चाहिए।  
(b) दक्षिण भारत के लोग हिन्दीतर भाषी हैं।  
(c) सुरेखा ने गीत की दो-चार कड़ियाँ गावहीं।  
(d) अब परीक्षा-प्रणाली बदलनी चाहिए।

**Ans. (a) :** पूज्यास्पद व्यक्ति का सम्मान करना चाहिए में 'पूज्यास्पद' शब्द की वर्तनी अशुद्ध है इसका शुद्ध रूप 'पूजास्पद' होगा। जबकि शेष वाक्य शुद्ध हैं।

17. 'उपत्यका' का विलोम शब्द है-

- (a) अनुत्यका (b) अधित्यका  
(c) उचत्यका (d) अपत्यका

**Ans. (b) :** 'उपत्यका' का विलोम 'अधित्यका' होगा।

18. निम्नलिखित में शुद्ध वर्तनी वाला शब्द कौन-सा है?

- (a) सृष्टी (b) अनधिकार  
(c) अभ्यंतरिक (d) समुद्रिक

**Ans. (b) :** 'अनधिकार' शुद्ध वर्तनी वाला शब्द है, जबकि अन्य शब्दों की शुद्ध वर्तनी निम्नलिखित है-

अशुद्ध	शुद्ध
सृष्टी	सृष्टि
अभ्यंतरिक	आभ्यांतरिक
समुद्रिक	सामुद्रिक

19. 'जो बायें हाथ से सधा हुआ है' के लिए एक शब्द है-

- (a) सव्यसाची (b) वामपंथी  
(c) वज्रपाणि (d) वीणापाणि

**Ans. (a) :** वाक्यांश 'जो बायें हाथ से सधा हुआ है' के लिए एक शब्द 'सव्यसाची' होगा।

वामपंथी - साम्यवादी विचारधारा का व्यक्ति।

वज्रपाणि - जिसके हाथ में वज्र रहता है।

वीणापाणि - जिसके हाथ में वीणा रहती हो।

20. इनमें से तत्सम - तद्भव का एक शब्द युग्म अशुद्ध है, वह है-

- (a) इच्छिका - छाछ (b) ईख - इक्खु  
(c) उद्वर्तन - उबटन (d) गोमय - गोबर

**Ans. (a&b) :** 'छाछ' का तत्सम 'छच्छिका' होता है न कि 'इच्छिका' तथा 'ईख' या तत्सम 'इक्षु' होता है न कि इक्खु। अतः दोनों ही विकल्प अशुद्ध हैं।

**21. 'मसृण' का विपरीतार्थक शब्द होगा—**

- (a) सुकुमार (b) चिक्कण  
(c) रुक्ष (d) नरम

**Ans. (c) :** 'मसृण' का विपरीतार्थक शब्द 'रुक्ष' होगा। अन्य शब्दों के विलोम निम्न हैं—

शब्द	विलोम
सुकुमार	कमासुत
चिक्कण	खुरदुरा
नरम	कड़ा/कठोर

**22. निम्नलिखित में तत्सम - तद्भव का गलत युग्म है—**

- (a) सुघट्ट - सुघड़ (b) ज्ञातिगृह - नैहर  
(c) पण्यशालिक - पनसारी (d) प्रतिवेशी - मवेशी

**Ans. (d) :** 'प्रतिवेशी - मवेशी' तत्सम - तद्भव की दृष्टि से गलत युग्म है। 'प्रतिवेशी' का तद्भव 'पड़ोसी' होगा। जबकि अन्य युग्म सही हैं।

**23. 'मोक्ष पाने की इच्छा करने वाला' इन अनेक शब्दों के लिए शुद्ध शब्द इनमें से है—**

- (a) तितिक्षा (b) तितीर्षु  
(c) तितिक्षु (d) मरजीवा

**Ans. (b) :** वाक्यांश 'मोक्ष पाने की इच्छा करने वाला' के लिए शुद्ध शब्द 'तितीर्षु' होगा।

तितिक्षा - सर्दी-गर्मी, दुःख आदि सहन करने की शक्ति।

तितिक्षु - जिसमें सहनशीलता हो।

मरजीवा - मर कर जीने वाला।

**24. अशुद्ध वर्तनी वाला शब्द है—**

- (a) उँगली (b) बाँस  
(c) पांचवाँ (d) दाँत

**Ans. (c) :** अशुद्ध वर्तनी वाला शब्द पांचवाँ है, इसका शुद्ध रूप 'पाँचवाँ' होगा जबकि अन्य शब्दों की वर्तनी शुद्ध है।

**25. वर्तनी की दृष्टि से निम्नलिखित में से शुद्ध शब्द है—**

- (a) अनुग्रहीत (b) अनूग्रहीत  
(c) अनुगृहीत (d) अनुगृहित

**Ans. (c) :** वर्तनी की दृष्टि से 'अनुगृहीत' शुद्ध शब्द है।

**26. निम्नलिखित में तद्भव शब्द हैं—**

- (a) भांडार (b) कुक्कुर  
(c) कटुक (d) मयंद

**Ans. (a&d) :** 'भांडार' तद्भव शब्द है जिसका तत्सम भांडागार होगा। जबकि 'मयंद' शब्द भी तद्भव है, जिसका तत्सम 'मृगेन्द्र' होगा। अन्य शब्द तत्सम हैं, जिनका तद्भव रूप निम्न है—

तत्सम	तद्भव
कुक्कुर	कुत्ता
कटुक	कडुआ

**27. 'वह बहुत खाता है' इस वाक्य में प्रयुक्त 'बहुत' शब्द इनमें से है—**

- (a) अपूर्णाक बोधक विशेषण  
(b) परिमाण बोधक विशेषण  
(c) निश्चित संख्यावाचक विशेषण  
(d) तुलनात्मक विशेषण

**Ans. (b) :** 'वह बहुत खाता है' इस वाक्य में प्रयुक्त 'बहुत' शब्द परिमाण बोधक विशेषण है।

**अपूर्णाक बोधक विशेषण—** पौने, सवा, डेढ़, ढाई।

**निश्चित संख्यावाचक विशेषण—** एक, पाँच, सात, दूसरा, तिगुना।

**तुलनात्मक विशेषण—** विशेषण की मूलावस्था में 'तर' अथवा 'तम' लगाकर उसकी उत्तरावस्था और उल्लमावस्था को तुलनात्मक दृष्टि से दिखाया जाता है। जैसे— अधिक का अधिकतर और अधिकतम।

**28. इनमें से तत्सम - तद्भव का शुद्ध युग्म है—**

- (a) श्रेष्ठ - सेठ (b) अरहट्ट - रहट  
(c) कंकती - कंधी (d) मिष्ठ - मीठा

**Ans. (c) :** 'कंकती - कंधी', तत्सम - तद्भव का शुद्ध युग्म है। जबकि अन्य तत्सम - तद्भव के शुद्ध युग्म निम्न हैं—

तत्सम	तद्भव
श्रेष्ठी	सेठ
अरघट्ट	रहट
मिष्ठ	मीठा

**29. निम्नलिखित में 'अनघ' का विलोम है—**

- (a) निरघ (b) निष्पाप  
(c) कृती (d) अधी

**Ans. (d) :** 'अनघ' का विलोम 'अधी' होगा। अन्य शब्दों के विलोम निम्न हैं—

शब्द	विलोम
निरघ	अधी
निष्पाप	पापी
कृती	अकृती

**30. 'प्रविशेषण' को कामता प्रसाद गुरु ने इनमें से कहा है—**

- (a) अन्तर्विशेषण (b) सामान्य विशेषण  
(c) बाह्य विशेषण (d) असामान्य विशेषण

**Ans. (a) :** 'प्रविशेषण' को कामता प्रसाद गुरु ने अन्तर्विशेषण कहा है। विशेषण शब्दों की विशेषता बताने वाले शब्दों को प्रविशेषण कहा जाता है। जैसे— मोहन बहुत सुन्दर है। यहाँ 'सुन्दर' विशेषण है और 'बहुत' प्रविशेषण है क्योंकि 'बहुत' 'सुन्दर' की विशेषता बता रहा है।