

## BPSA AEDO Paper 2 GS Question Paper 14 April 2026 (English)



Booklet Series

**K**

18/SSVP/M-2026 – 02

Question Booklet  
**GENERAL STUDIES**

Booklet Serial No.

6032495



Candidate's Roll Number

1 1 1

Time Allowed : 2 Hours

Maximum Marks : 100

Read the following instructions carefully before you begin to answer the questions.

**IMPORTANT INSTRUCTIONS**

1. This Question Booklet contains 100 questions in all.
2. All questions carry equal marks.
3. An Answer Sheet has been supplied inside the Question Booklet to mark the answers. You must write your Roll Number and encode it and write other particulars in the space provided in the Answer Sheet, failing which your Answer Sheet will not be evaluated.
4. Immediately after commencement of the examination, you should check up your Question Booklet and attached answer sheet and ensure that the Question Booklet Series is printed on the top left-hand corner of the Booklet and the series encoded in answer sheet are same. Also please check that the Booklet contains 40 printed pages including two pages (Page Nos. 38 and 39) for Rough Work and no page or question is missing or unprinted or torn or repeated or question booklet and answer sheet have different series. If you find any defect in this Booklet and attached answer sheet, get it replaced immediately by a complete Booklet with OMR sheet of the same series.
5. If there is any sort of mistake either of printing or of factual nature, then out of English and Hindi versions of the questions, the English version will be treated as standard.
6. You must write your Roll Number in the space provided on the top of this page. Do not write anything else on the Question Booklet.
7. Questions and their responses are printed in English and Hindi versions in this Booklet. Each question comprises of four responses — (A), (B), (C) and (D). You are to select ONLY ONE correct response and mark it in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case choose ONLY ONE response for each question.
8. In the Answer Sheet, there are four circles — (A), (B), (C) and (D) against each question. To answer the questions, you are to mark with Black/Blue ink ballpoint pen ONLY ONE circle of your choice for each question. Select only one response for each question and mark it in your Answer Sheet. If you mark more than one circle for one question, the answer will be treated as wrong. Use Black/Blue ink ballpoint pen only to mark the answer in the Answer Sheet. Any erasure or change is not allowed.
9. For each question for which a wrong answer/more than one answer has been given by the candidates, one third (1/3) of the marks assigned to that question will be deducted as penalty.
10. You should not remove or tear off any sheet from the Question Booklet. You are not allowed to take this Question Booklet and the Answer Sheet out of the Examination Hall during the examination. After the examination has concluded, you must hand over your Answer Sheet to the Invigilator. Thereafter, you are permitted to take away the Question Booklet with you.
11. Failure to comply with any of the above instructions will render you liable to such action or penalty as the Commission may decide at their discretion.
12. Candidates must assure before leaving the Examination Hall that their Answer Sheets will be kept in Self Adhesive LDPE Bag and completely packed/sealed in their presence.

ध्यान दें : अनुदेशों का हिन्दी रूपान्तर इस पुस्तिका के अन्तिम पृष्ठ पर छपा है ।

Adda247

# Test Prime

**ALL EXAMS, ONE SUBSCRIPTION**



**1,00,000+**  
Mock Tests



**Personalised**  
Report Card



**Unlimited**  
Re-Attempt



**600+**  
Exam Covered



**25,000+** Previous  
Year Papers



**500%**  
Refund



**ATTEMPT FREE MOCK NOW**



- ① With reference to the Karkota dynasty, consider the following statements.
1. Durlabhavardhana, also known as Prajnaditya, was the founder of the dynasty.
  2. Lalitaditya Muktapida defeated the Turks and built the Martand Sun Temple at Anantnag.
  3. Vajraditya's reign was marked by territorial expansion into the Deccan.
  4. Jayapida imposed excessive taxation, which weakened his rule.

Which of the above statements are correct ?

- (A) 1 and 2 only
  - (B) 3 and 4 only
  - (C) 1, 2 and 4 only
  - (D) 2 and 4 only
2. Vansadhara Water Disputes Tribunal was set up in 2010 to resolve the water dispute between which of the following States ?
- (A) Odisha and Andhra Pradesh
  - (B) Karnataka and Tamil Nadu
  - (C) Odisha and Chhattisgarh
  - (D) Goa, Karnataka and Maharashtra
3. Which of the following is a characteristic of Mandala IX of the RigVeda ?
- (A) It is attributed to the Kanva clan and Angirasa poets.
  - (B) It contains hymns dedicated to Soma-Pavamana, focusing on the sacred purification process.
  - (C) It contains the Nadi Sukta, which praises rivers as sacred entities.
  - (D) It features philosophical speculation about the creation of the universe.

4. In plants, water is mainly transported through which tissue ?
- (A) Phloem
  - (B) Xylem
  - (C) Cortex
  - (D) Cambium
5. Multi-dimensional poverty index has been included in which of the following ?
- (A) World Development Report
  - (B) Human Development Report
  - (C) World Trade Report
  - (D) World Hunger Report
6. In 1917, Mahatma Gandhi led a movement, which marked his first major involvement in the Indian independence movement. This movement was aimed at addressing the grievances of indigo planters suffering under oppressive policies.

**Assertion (A) :** The Champaran Satyagraha was Gandhi's first major mass movement in India.

**Reason (R) :** The movement aimed at resolving the issues faced by the indigo planters.

Choose the correct option :

- (A) (A) is true but (R) is false
- (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) Both (A) and (R) are true and (R) is the correct explanation of (A)





7. Match the following lenses/mirrors with their correct applications.

Column - I (Lenses/Mirrors)	Column - II (Application)
i. Concave mirror	p. Used in cameras and projectors for focusing light
ii. Convex mirror	q. Used in correcting myopia (short-sightedness)
iii. Convex lens	r. Used in vehicles for rear-viewing
iv. Concave lens	s. Used in shaving to produce magnified upright image

Select the correct matching option :

	i	ii	iii	iv
(A)	r	s	p	q
(B)	s	r	p	q
(C)	r	s	q	p
(D)	s	r	q	p

8. On January 10, 2025 India became \_\_\_\_\_ country to successfully carry out a satellite docking process in Low Earth Orbit.

- (A) Fourth
- (B) Fifth
- (C) Sixth
- (D) Third

9. What is the approximate percent of geographical area covered under forest in Bihar ?

- (A) 5%
- (B) 7%
- (C) 13%
- (D) 11%

10. Which of the following is the primary pigment involved in photosynthesis ?

- (A) Chlorophyll a
- (B) Chlorophyll b
- (C) Carotene
- (D) Xanthophyll

11. Given below are two statements, one is labelled as Assertion (A) and other is labelled as Reason (R). In light of the below given statements choose the most appropriate answer from the options.

**Assertion (A)** : Transpiration helps in the ascent of sap.

**Reason (R)** : Transpiration increases osmotic pressure in roots.

- (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

12. Which among the following is true about the Panchayats Extension to the Scheduled Areas (PESA) Act ?

1. It was enacted in 1996.
2. It accords statutory status to the Gram Sabhas in Scheduled V areas.
3. Section 4(i) of the Act mandates that the Gram Sabha or Panchayat should consent before any land acquisition for development projects.

Select the correct answer using the code given below :

- (A) Only 1
- (B) 1 and 2
- (C) All of the above
- (D) 2 and 3





13. Match the following List – I (Bilateral Military Exercise) and List – II (Countries).

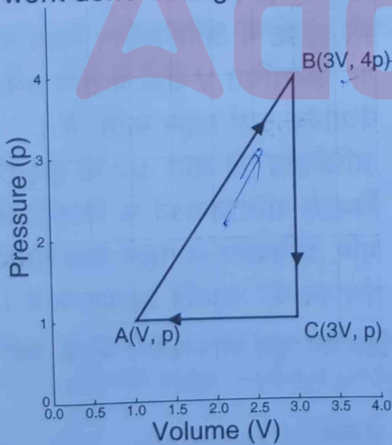
List – I (Bilateral Military Exercise)		List – II (Countries)	
1. Varuna Naval	a. India – France		
2. Dharma Guardian	b. India – Japan		
3. Ekuverin	c. India – Maldives		
4. Cyclone	d. India – Egypt		

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

14. Which of the following waterfalls of India is located in Goa ?

- (A) Landshing waterfalls
- (B) Dhunwadhar waterfalls
- (C) Nokhalikai waterfalls
- (D) Dudhsagar waterfalls

15. An ideal gas is taken around a closed cycle ABCA as shown in the p-V diagram below. The coordinates of the points are : A(V, p); B(3V, 4p); C(3V, p). What is the work done during one complete cycle ?



- (A) pV
- (B) 2pV
- ✓(C) 6pV
- (D) 3pV

16. As per MSME Act the latest definition of small scale industry is based on

- (A) Investment only
- (B) Investment in manufacturing sector
- (C) Investment and annual turnover in all sector
- (D) Turnover in services sector

17. With reference to the Guhilots/Sisodiyas, Rathors and Kachwahas, consider the following statements :

1. The Guhilots ruled over Mewar with Chittor as their capital.
2. Sawai Jai Singh of the Rathor dynasty was a high-ranking noble under the Mughals.
3. Mansingh of the Kachwahas was a trusted commander of Akbar.
4. Maharana Pratap of the Sisodiyas fought against Akbar at the Battle of Haldighati.
5. Jaswant Singh of the Kachwahas was also an astronomer.

Which of the above statements is/are correct ?

- (A) 1, 2, 3 and 5 only
- (B) 2, 3 and 4 only
- (C) 1, 3, 4 and 5 only
- (D) 1, 3 and 4 only

18. Consider the following stages of demographic transition associated with economic development.

- I. High birth rate with low death rate
- II. Low birth rate with low death rate
- III. High birth rate with high death rate

Arrange these stages in correct chronological order from the code given below :

- (A) I, III, II
- (B) III, II, I
- (C) II, I, III
- (D) III, I, II





19. Given below are two statements, one is labelled as Assertion (A) and other is labelled as Reason (R). In light of the below given statements choose the most appropriate answer from the options.

**Assertion (A) :** In simple harmonic motion, the potential energy of the particle is maximum at the extreme positions.

**Reason (R) :** At the extreme positions, the velocity of the particle is maximum.

- (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

20. It was a Secret Society founded by Vinayak Damodar Savarkar (VD Savarkar) and his brother Ganesh Damodar Savarkar (Babarao Savarkar) in 1904 to overthrow British rule in India. It established connections with Indian revolutionaries in London and had links with the India House group, fostering international support for the Indian independence movement. Which of the following revolutionary organizations is described in the above passage ?

- (A) Anushilan Samiti
- (B) Abhinav Bharat
- (C) Ghadar Party
- (D) Jugantar Party

21. In an Alternating Current (AC) circuit, the phase relationship between current and voltage depends on the circuit elements. Match the entries in Column – I with the appropriate relations in Column – II.

**Column – I**  
(Type of Circuit)

**Column – II**  
(Phase Relationship between Current and Voltage)

- |                              |  |
|------------------------------|--|
| i. Pure Resistance (R)       | p. Current leads voltage by $90^\circ$                 |
| ii. Pure Capacitance (C)     | q. Current and voltage are in same phase               |
| iii. Pure Inductance (L)     | r. Current and voltage may or may not be in same phase |
| iv. R – L – C Series Circuit | s. Current lags voltage by $90^\circ$                  |

Select the correct matching option :

- |     |          |           |            |           |
|-----|----------|-----------|------------|-----------|
|     | <b>i</b> | <b>ii</b> | <b>iii</b> | <b>iv</b> |
| (A) | p        | s         | q          | r         |
| (B) | q        | p         | s          | r         |
| (C) | q        | s         | p          | r         |
| (D) | s        | r         | p          | q         |

22. Which of the following town is located in westernmost part of Bihar ?

- (A) Bhagalpur
- (B) Patna
- (C) Kaimur
- (D) Katihar





23. Match the List – I with List – II.

List – I (Article of Constitution)	List – II (Fundamental Duties)
a. Article 51 A (c)	1. Educate one's children/ward between 6 and 14 years
b. Article 51 A (f)	2. To uphold the sovereignty of India
c. Article 51 A (k)	3. To value and preserve rich heritage of our composite culture
d. Article 51 A (i)	4. To safeguard public property

Select the correct answer using the code given below :

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

24.  $H_2O + C \longrightarrow H_2 + CO$   
The above reaction is an example of

- (A) Ziegler-Natta process
- (B) Water gas reaction
- (C) Aldol condensation
- (D) Wacker process

25. Match List – I with the List – II.

List – I	List – II
a. Black revolution	1. Milk
b. Blue revolution	2. Food crop
c. White revolution	3. Petroleum
d. Green revolution	4. Fish

Select the correct answer using the code given below :

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

26. Which of the following statements about glycolysis is correct ?

- (A) It occurs in mitochondria
- (B) It requires oxygen
- (C) It produces carbon dioxide directly
- (D) It takes place in cytoplasm

27. Dipankar Srijinana was the Buddhist scholar associated with

- (A) Vikramshila University
- (B) Odantpuri University
- (C) Nalanda University
- (D) None of the above

28. Bharatmala Pariyojna was launched on October 2017. The total length of National Highways approved in it was

- (A) 34,800 km
- (B) 40,500 km
- (C) 41,800 km
- (D) 27,900 km





29. What was the theme of Sustainable Energy for All Global Forum held in March 2025 in Barbados ?
- (A) Sustainable Energy for Equity, Security and Prosperity
  - (B) Competitive, Collective, Climate Neutral
  - (C) From Goals to actions : Power the Future with Sustainable Energy
  - (D) Just Transformation

30. Which of the following lakes is situated in Bihar ?
- (A) Anupam lake
  - (B) Sambar lake
  - (C) Kama lake
  - (D) Sukhna lake

31. Given below are two statements, one is labelled as Assertion (A) and other is labelled as Reason (R). In light of the below given statements choose the most appropriate answer from the options.

**Assertion (A) :** Gauss's law in magnetostatics and electrostatics are respectively,

$$\oint \vec{B} \cdot d\vec{S} = 0 \text{ and } \oint \vec{E} \cdot d\vec{S} = \frac{q_{\text{enclosed}}}{\epsilon_0}$$

**Reason (R) :** Magnetic monopoles do not exist, whereas electric monopoles (isolated charges) exist.

- (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

32. Consider the following sentences about writ jurisdiction in India.

1. The writ jurisdiction is a form of original jurisdiction and not appellate jurisdiction.
2. It can be issued either by High Courts or the Supreme Court.

Which of the above statements is/are correct ?

- (A) Both 1 and 2
- (B) Only 1
- (C) None of the above
- (D) Only 2

33. Match the following lists.

List – I (Awards)		List – II (Dimensions)	
1. Ramon Magsaysay Award		a. Science Fiction	
2. Pulitzer Prize		b. Journalism, Literature, Music	
3. Templeton Prize		c. Asia's Highest Honour	
4. Hugo Award		d. Spiritual, Religious	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
(A) c	a	b	d
(B) b	d	a	c
(C) b	d	c	a
(D) c	b	d	a



34.

- Which of the following statements about the play *Karpuramanjari* is correct ?
- (A) It was written in Sanskrit by Bhoja I to please his wife.  
 (B) It was written by Rajasekhara in Sauraseni Prakrit to please his wife Avantisundari.  
 (C) It was composed during the reign of Nagabhata II.  
 (D) It is a famous work by Kalidasa that praises the Gupta kings.

35.

- Which of the following statements is correct ? As the temperature increases,
- (A) The resistivity of a semiconductor increases, whereas the resistivity of a conductor decreases.  
 (B) The resistivity of a semiconductor decreases, whereas the resistivity of a conductor increases.  
 (C) The resistivity of both semiconductor and conductor decrease.  
 (D) The resistivity of both semiconductor and conductor increase.

36.

- Consider the following statements.
- Statement I :** The Zamindari Association, also known as Landholder's Society, was established in 1838 to protect the interests of Zamindars in colonial India.  
**Statement II :** The Zamindari Association raised its voice for the problems faced by common people and advocated for reforms benefiting the rural population.
- Which one of the following is correct in respect of the above statements ?
- (A) Both Statement I and Statement II are correct and Statement II is the correct explanation for Statement I  
 (B) Both Statement I and Statement II are correct and Statement II is not the correct explanation for Statement I  
 (C) Statement I is incorrect but Statement II is correct  
 (D) Statement I is correct but Statement II is incorrect

18/SSVP/M-2026 – 02/K

37. A particle is found to be at rest when observed from a reference frame  $S_1$  and the same particle is found to move with a constant velocity when observed from another frame  $S_2$ . Which of the following statements is true ?

- (A)  $S_1$  is an inertial frame but  $S_2$  is a non-inertial frame.  
 (B)  $S_2$  is an inertial frame but  $S_1$  is a non-inertial frame.  
 (C) Both  $S_1$  and  $S_2$  are non-inertial frames.  
 (D) Both  $S_1$  and  $S_2$  are inertial frames.

38. With reference to the burial practices of the Harappans, consider the following statements :

1. The Harappans practiced three types of burials : complete burial, fractional burial and cremation burial.
2. They placed the dead in a North-South direction, often accompanied by grave goods such as pottery and tools.
3. Joint burials have been found at Harappan sites like Lothal.

Which of the statements given above are correct ?

- (A) 1 and 2 only  
 (B) 2 and 3 only  
 (C) 1 and 3 only  
 (D) 1, 2 and 3



39. The enterprises named as Shishu, Tarun and Kishore are associated with
- NABARD
  - IDBI
  - MUDRA Banks
  - Co-operative Banks

40. What is the minimum age required to become the Vice President of India ?
- 25 years
  - 30 years
  - 40 years
  - 35 years

41. Zojila Pass lies in between
- Kashmir Valley and Ladakh
  - Kashmir and Pakistan
  - Kashmir and Tibbat
  - Kashmir and Himachal

42. In the light of new discovery of soul dwelling nematode *crassolabium dhritiae*, which of the following statements are true ?
- It was discovered in Keonjhar, Odisha.
  - It is named after the director of Zoological Survey of India i.e. Dr. Malti Mukherjee.
  - These organisms play significant role in nutrient-cycling and decomposition of organic matter.
- Only I
  - I and III
  - Only II
  - II and III

43. With reference to the White Mutiny, consider the following statements.
- It posed a serious threat to British control in India, similar to the Revolt of 1857.
  - It was primarily caused by the grievances of Indian sepoys who felt mistreated by British officers.

Which of the statements given above is/are correct ?

- 1 only
- 2 only
- Neither 1 nor 2
- Both 1 and 2

44. With reference to Akbar's Navratnas, consider the following pairs.

Person	Title/Contribution
1. Faizi	– A Persian poet and translator
2. Abul Fazal	– Author of <i>Ain-i-Akbari</i>
3. Raja Todarmal	– Home Minister
4. Raja Man Singh	– Chief of Army Staff
5. Tansen	– Great musician and cultural figure
6. Abdul Rahim Khan-i-Khana	– Finance Minister

Which of the pairs given above are correct ?

- 1, 2, 4 and 6 only
- 1, 2, 4 and 5 only
- 1, 2, 3, 4, 5 and 6
- 3 and 6 only





45. Which of the following correctly represents the law of segregation ?
- (A) 9 : 3 : 3 : 1  
(B) 3 : 1  
(C) 1 : 1  
(D) 1 : 2 : 1

46. Given below are two statements, one is labelled as Assertion (A) and other is labelled as Reason (R).

In light of the below given statements choose the most appropriate answer from the options.

**Assertion (A) :** Corruption is a major threat to climate action.

**Reason (R) :** It acts as a hindrance in reducing emissions and adapting to the unavoidable effects of global heating.

- (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, (R) is true  
(D) (A) is true, (R) is false
47. With which Kisan Leader Sahajanand Saraswati was **not** associated ?
- (A) Bihar Provincial Kisan Sabha, 1929  
(B) Hunkar Hindi Weekly  
(C) Bakasht Movement  
(D) Krishak Samachar

48. Which among the following are valid conditions that can give recognition to any political party as a National Party in India ?

- Party should have polled at least six percent votes in four or more states in Lok Sabha or State Assembly elections and secured at least four seats in Lok Sabha from one state more than one state.
- Party has won two percent of total seats in Lok Sabha from at least three states.
- In the last General Elections to the Lok Sabha, the party should have won atleast one seat for every 25 seats allotted in any one state.
- Party is recognized as state party in four or more states.

Select the correct answer using the code given below :

- (A) Only 1 and 2  
(B) 1, 2 and 3  
(C) 1, 3 and 4  
(D) 1, 2 and 4

49. Consider the interaction forces between two protons separated by a distance of the order of 1 femtometer ( $10^{-15}$  m). The correct order of the strengths of the electromagnetic, gravitational and nuclear forces acting between them is
- (A) Gravitational > Electromagnetic > Nuclear  
(B) Electromagnetic > Nuclear > Gravitational  
(C) Nuclear > Gravitational > Electromagnetic  
(D) Nuclear > Electromagnetic > Gravitational





50. The British East India Company, initially a trading entity, gradually established its control over Indian territories through various means. This policy was implemented by Lord Dalhousie, leading to widespread resentment among Indian rulers.

**Assertion (A)** : The Doctrine of Lapse was implemented to expand British territories.

**Reason (R)** : It allowed the British to annex states with no direct male heir.

Choose the correct option :

- (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

51. Which Indian opener won Best International Women's Cricketer at BCCI Awards 2025 ?

- (A) Smriti Mandhana
- (B) Shafali Verma
- (C) Harmanpreet Kaur
- (D) Sneha Rana

52. The oldest mountain range in India is

- (A) Shivalik
- (B) Aravali
- (C) Himachal Himalaya
- (D) Greater Himalaya

53. Which Article of the Constitution provides that no person accused of any offence can be compelled to be a witness against himself ?

- (A) Article 21
- (B) Article 20
- (C) Article 23
- (D) Article 22

54. Which of the following statements are true in context of UNGA resolution calling for a peaceful resolution of Ukraine war ?

- I. The meeting was held on completion of three years of Russian invasion of Ukraine in Chicago, USA.
- II. The resolution received 65 abstention, 60 votes in favor and 36 votes against the call for de-escalation.
- III. The US brought forward a rival resolution titled 'The Path To Peace'.

- (A) All of the above
- (B) Only I and III
- (C) Only II
- (D) Only III





55. Which of the following statements is true about the role of 'Bhandagarika' during ancient Indian Administration ?
- (A) They were officials responsible for military training.
  - (B) They kept records of transactions and conventions of guilds, as mentioned in the Nigrodha Jataka.
  - (C) They managed the royal treasury and minting of coins.
  - (D) They served as chief tax collectors in the Mauryan Empire.

56. GST rates have been simplified with effect from 22 Sept. 2025. Match the goods and services of List – I with tax rates of List – II.

List – I	List – II
a. Dishwasher	1. 40%
b. Commercial yoga services	2. 18%
c. Premium on health insurance	3. 5%
d. SUV of engine capacity above 1500 CC	4. Zero

Select the correct answer using the code given below :

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

57. Consider the following statements.  
**Statement I** : The Poligars' Revolt was one of the earliest uprisings against British rule in southern India, driven by the imposition of heavy land revenue demands on the Poligars.  
**Statement II** : The Poligars were traditionally responsible for collecting land revenue in the regions they controlled and the British sought to undermine this authority by enforcing direct revenue collection.  
 Which one of the following is correct in respect of the above statements ?
- (A) Both Statement I and Statement II are correct and Statement II is the correct explanation for Statement I
  - (B) Both Statement I and Statement II are correct and Statement II is not the correct explanation for Statement I
  - (C) Statement I is incorrect but Statement II is correct
  - (D) Statement I is correct but Statement II is incorrect

58. Two astronauts on the moon are standing 10 m apart. Astronaut A shouts toward Astronaut B and simultaneously flashes a light signal. Which of the following statements is correct ?
- (A) Both sound and light from Astronaut A will reach Astronaut B but light will arrive slightly earlier.
  - (B) Both sound and light from Astronaut A will reach Astronaut B at equal speed.
  - (C) Neither sound nor light from Astronaut A will reach Astronaut B.
  - (D) The light signal from Astronaut A will reach Astronaut B but not the sound.





59. Match List – I with List – II and select the correct answer using the code given below the lists.

List – I (National Park)	List – II (Location)
a. Kaziranga	1. Chikkamagaluru
b. Kudremukh	2. Palghat
c. Silent valley	3. Nagpur
d. Pench valley	4. Golaghat Nawgaon

Code :

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

60. A car moves along a straight road, covering a displacement  $x$  with a constant velocity  $v_1$  and then another equal displacement  $x$  with a constant velocity  $v_2$ . What is the average velocity of the car for the entire journey ?

- (A)  $\frac{v_1 + v_2}{2}$   
 (B)  $\sqrt{v_1 v_2}$   
 (C)  $\frac{v_1^2 + v_2^2}{v_1 + v_2}$   
 (D)  $\frac{2v_1 v_2}{v_1 + v_2}$

61. Which of the following Indian-American is/are a part of Trump 2.0 Cabinet ?

- I. Kashyap Kash Patel  
 II. Harmeet Dhillon  
 III. Dr. Jay Bhattacharya

- (A) Only I  
 (B) Only I and III  
 (C) All of the above  
 (D) Only II and III.

62. Which Historian wrote the following words ?

*“The definition and demarcation of ‘ages’ in the history of any country are problematic issues. These have been especially so in the case of India because our historians, all British to begin with, borrowed the highly unsuitable paradigm of Ancient/Medieval/Modern from the European experience, and further complicated the matter by inventing three other ‘ages’ – Hindu, Muslim and British.”*

- (A) R. C. Majumdar  
 (B) Sumit Sarkar  
 (C) Bipan Chandra  
 (D) Tapan Raychaudhuri

63. ‘Superglue’ is a polymer of which monomer ?

- (A) Sodium benzoate  
 (B) Acetic acid  
 (C) Vinyl chloride  
 (D) Cyanoacrylate





64. Given below are two statements. One is labelled as Assertion (A) and other is labelled as Reason (R).  
**Assertion (A)** : Bihar is a backward State of the Country.  
**Reason (R)** : It is characterized by regional disparities in the level of development.  
 Select the correct answer from the orders given below :
- (A) Both (A) and (R) are correct and (R) is not the correct explanation of (A)
  - (B) Both (A) and (R) are correct and (R) is the correct explanation of (A)
  - (C) (A) is false but (R) is true
  - (D) (A) is true but (R) is false

65. In April 2022 Geographic Indication (GI) tag has been awarded to which of the following by Govt. of India ?
- (A) Darbhanga Makhana
  - (B) Nalanda Makhana
  - (C) Vaishali Makhana
  - (D) Mithila Makhana

66. Lord Dalhousie's approach to Constitutional and educational reforms reflected which of the following broader trends in British colonial policy during the mid-19<sup>th</sup> century ?
- (A) The gradual devolution of political power to Indian representatives.
  - (B) The consolidation of imperial control through limited liberal reform.
  - (C) The transition to complete self-governance under the Charter Act of 1853.
  - (D) The prioritization of missionary activities over administrative efficiency.

67. Which of the following is **not** one of the weakest currencies in the world ?
- (A) Lebanese Pound
  - (B) Laos Laotian Kip
  - (C) Omani Rial
  - (D) Iranian Rial
68. Which Article of the Constitution provides that all proceedings in the Supreme Court and in every High Court shall be in English Language ?
- (A) Article 345
  - (B) Article 350
  - (C) Article 348
  - (D) None of the above
69. A supercritical fluid is formed whenever
- (A) A substance is heated above its critical temperature
  - (B) A substance is completely burnt
  - (C) A substance is heated far below its critical temperature
  - (D) None of the above

70. Match List – I with List – II and select the correct answer from the code given below.

List – I (Industry)	List – II (Centre)
a. Sugar	1. Raurkela
b. Paper	2. Maholi
c. Cement	3. Chandrahati
d. Iron and steel	4. Sawai Madhopur

Code :

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





71. During the time of Nahapan, what was the exchange rate between Suvarna and Karshapana in Maharashtra ?
- (A) 1 : 10  
(B) 1 : 15  
(C) 1 : 35  
(D) 1 : 25

72. Union Home Minister Shree Amit Shah unveiled an 11ft. tall statue of which eminent personality in Jodhpur ?
- (A) Sardar Vallabhabhai Patel  
(B) Chhatrapati Shivaji Maharaj  
(C) Maharana Pratap  
(D) Panna Dhari

73. Consider the following statements regarding the Satyashodhak Samaj.
1. It was primarily aimed at challenging the Brahminical dominance and promoting equality for lower castes.
  2. It worked towards universal education for women and lower castes.
  3. The Samaj promoted the idea of untouchability as a necessary social custom.

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

- (A) Only one  
(B) Only two  
(C) None of these  
(D) All three

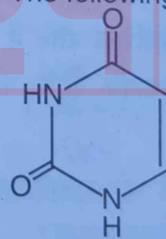
74. Given below are two statements, one is labelled as Assertion (A) and other is labelled as Reason (R). In light of the below given statements, choose the most appropriate answer from the options.

**Assertion (A) :** Since 2021, November 15<sup>th</sup> is celebrated as Janjatiya Gaurav Diwas to honour the contribution of tribal communities in Indian Freedom struggle.

**Reason (R) :** It is celebrated to mark the birth anniversary of Tilka Manjhi, one of the earliest tribal freedom fighters.

- (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, (R) is true  
(D) (A) is true, (R) is false

75. The following structure is of



- (A) Adenine  
(B) Uracil  
(C) Thymine  
(D) Cytosine





76. With reference to Trilochana-Pala, which of the following statements are correct ?
1. He was titled Maha-Mandaleshvara in copper plate inscriptions.
  2. His inscriptions record the donation of Ekallahara village to a Brahmin.
  3. The mythical origin of his dynasty is traced to a vessel called Chuluka.

Select the correct answer using the code given below :

- (A) 1 and 2 only  
(B) 2 and 3 only  
(C) 1, 2 and 3  
(D) 1 and 3 only
77. Hemoglobin carries oxygen to the blood and is \_\_\_\_\_ containing compound.
- (A) Zinc  
(B) Copper  
(C) Iron  
(D) Magnesium
78. According to 2024-25 budget estimate gross fiscal deficit of Bihar as percentage of its GSDP was
- (A) 3.0  
(B) 3.8  
(C) 5.1  
(D) 4.2
79. Which of the following best explains the pressure flow hypothesis in phloem transport ?
- (A) Active transport of sugars from sink to source  
(B) Osmotic pressure difference between source and sink  
(C) Transport depends only on gravity  
(D) Movement of water only through xylem

80. Match the following institutions with their establishment years.

Institutions	Establishment year
1. Patna College	i. 1921
2. Prince of Wales Medical College	ii. 1863
3. Bihar Vidyapeeth	iii. 1900
4. Bihar School of Engineering	iv. 1940
5. Patna Women's College	v. 1925

- |     | 1   | 2   | 3  | 4   | 5  |
|-----|-----|-----|----|-----|----|
| (A) | ii  | v   | i  | iii | iv |
| (B) | v   | iii | iv | i   | ii |
| (C) | iii | iv  | i  | v   | ii |
| (D) | i   | iv  | ii | iii | v  |

81. Who is known as father of genetics ?

- (A) Watson and Crick  
(B) Charles Darwin  
(C) Gregor Mendel  
(D) Thomas Hunt Morgan

82. Which of the following Lakes of India is located in Assam ?

- (A) Chapanala Lake  
(B) Hamirsar Lake  
(C) Sala Lake  
(D) Kolleru Lake

83. Fluid Mosaic Model of plasma membrane was proposed by

- (A) Watson and Crick  
(B) Singer and Nicolson  
(C) Hooke  
(D) Robertson





84. What is the other name of the partially submerged volcano Whakaari in Bay of Plenty, New Zealand which was under monitoring for undergoing a "heightened unrest" ?
- (A) White Island
  - (B) Blue Island
  - (C) Red Island
  - (D) Green Island

85. Which among the following are included in Directive Principles of State Politics ?
1. Equal pay for equal work for men and women.
  2. Right to work.
  3. Public assistance in case of unemployment.

Select the correct answer using the code given below.

- (A) 1 and 2
  - (B) 2 and 3
  - (C) All of the above
  - (D) None of the above
86. Which of the following statement is incorrect about Erythromycin ?
- (A) It is a macrocyclic compound
  - (B) It can be used as antibiotic
  - (C) For legionellosis, it has good coverage
  - (D) It cannot be produced in fermentation, from a strain of the *saccharopolyspora erythraea*

87. Temporary parasites are
- (A) Visit host only for feeding
  - (B) Lives on the surface of host's body
  - (C) Completes its life cycle inside the host
  - (D) Free living but become parasitic if opportunity arises

88. With reference to the French East India Company's activities in India, consider the following statements.

1. The *Compagnie des Indes Orientales* was founded by Louis XIV in 1664 and was granted a 50-year monopoly on French trade in the Indian and Pacific Oceans.
2. The company established Pondicherry in 1674 as the central hub of French power in India.
3. The Treaty of Ryswick in 1697 allowed the French to retain their territories in India without any interference from the Dutch.
4. The French East India Company successfully established permanent colonies in Madagascar during its early years.

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

- (A) Only one
  - (B) Only two
  - (C) All four
  - (D) Only three
89. Barium appears primarily in ore(s) of
- (A) Barite only
  - (B) Both barite and witherite
  - (C) Witherite only
  - (D) None of the above





90. Consider the following statements.

- i. Mendel is called the father of genetics.
- ii. Law of segregation states that each gamete receives two alleles for a trait.
- iii. In a monohybrid cross, F<sub>2</sub> phenotypic ratio is 3 : 1.
- iv. Law of independent assortment works only for traits on different chromosomes.

Select the group of correct statements only :

- (A) i and ii
- (B) i and iii
- (C) ii, iii and iv
- (D) i, iii and iv

91. Elementary Education Act was implemented in Bihar and Orissa in 1919 in which compulsory education for children of what age was passed ?

- (A) 6 – 10 years
- (B) 5 – 7 years
- (C) 4 – 8 years
- (D) 3 – 5 years

92. Match the following.

**List – I**

**(Festivals)**

- I. Myoko Festival
- II. Chapchar Kut
- III. Sekrenyi
- IV. Sangai

**List – II**

**(States)**

- a. Arunachal Pradesh
- b. Manipur
- c. Mizoram
- d. Nagaland

**I**

**II**

**III**

**IV**

- (A) b a d c
- (B) a c d b
- (C) a b c d
- (D) b d a c

93. Consider the following statements.

1. In 2019-20 percentage growth rate of Bihar Gross State Domestic Product was more than percentage growth rate of GDP of India.
2. In 2018-19 percentage growth rate of Bihar Gross State Domestic Product was less than percentage growth rate of GDP of India.
3. In 2023-24 as per quick estimate the percentage growth rate of GSDP of Bihar was 9.2.

How many statements given above are correct ?

- (A) Only 1 and 2
- (B) Only 3
- (C) All three
- (D) Only 1 and 3





94. What is the correct order of stages in incomplete metamorphosis in insects ?
- (A) Egg – Larva – Pupa – Adult
  - (B) Egg – Larva – Adult
  - (C) Egg – Nymph – Pupa – Adult
  - (D) Egg – Nymph – Adult

95. Which Committee was formed to establish Veterinary College in Patna in 1927 ?
- (A) Nathan Committee
  - (B) Irwin Committee
  - (C) Ganesh Dutt Committee
  - (D) Syed Fakruddin Committee

96. Which scientist worked independently and reached a similar conclusion to Darwin's ?
- (A) Jean Lamarck
  - (B) Gregor Mendel
  - (C) Hugo de Vries
  - (D) Alfred Russel Wallace

97. Consider the following statements about Panchayats in India.

1. States with population less than twenty lakh have an option not to constitute Panchayats at the intermediate level.
2. Any person who has attained the age of twenty one years is eligible to be chosen as a member of Panchayat.
3. The provisions regarding Panchayats is not applicable for Union Territories.

Select the correct answer using the code given below.

- (A) Only 1
- (B) 1 and 2
- (C) 2 and 3
- (D) All of the above

98. Which of the following statement(s) is/are true about Vitamin B<sub>12</sub> ?

- a. It is also known as cobalamin.
- b. It is composed of cobalt-atom.
- c. It consists of corrin ring.

Choose the correct option.

- (A) Only a is true statement
- (B) Only b and c are true statements
- (C) a, b and c are true statements
- (D) Only a and c are true statements

99. Arrange the following types of industries and mills installed in India for the first time during the British era in chronological order.

1. First Cotton Mill
2. First Jute Mill
3. First Paper Mill
4. First Steel Plant

Select the correct answer using the code given below :

- (A) 1 – 2 – 3 – 4
- (B) 1 – 3 – 2 – 4
- (C) 2 – 3 – 1 – 4
- (D) 2 – 1 – 4 – 3

100. Bhartiya Janata Party returned to power in Delhi after how many years ?

- (A) 21 year
- (B) 24 year
- (C) 29 year
- (D) 27 year

