क्रम संख्या

टी. बी. सी.: KSPC-P-GSPO

परीक्षण पुस्तिका अनुक्रम

1989601

### परीक्षण पुस्तिका सामान्य अध्ययन



प्रश्न-पत्र - I



समय : दो घण्टे

पूर्णांक: 200

### अनुदेश

- परीक्षा प्रारम्भ होने के तुरन्त बाद, आप इस परीक्षण पुस्तिका की पड़ताल अवश्य कर लें कि इसमें कोई बिना छपा, फटा या छूटा हुआ पृष्ठ अथवा प्रश्नांश आदि न हो । यदि ऐसा है, तो इसे सही परीक्षण पुस्तिका से बदल लें ।
- 2. कृपया ध्यान रखें कि OMR उत्तर-पत्रक में उचित स्थान पर रोल नम्बर और परीक्षण पुस्तिका अनुक्रम A, B, C या D को ध्यान से एवं बिना किसी चूक या विसंगति के भरने और कूटबद्ध करने की जिम्मेदारी उम्मीदवार की है । किसी भी प्रकार की चूक/विसंगति की स्थिति में उत्तर-पत्रक निरस्त कर दिया जाएगा ।
- इस परीक्षण पुस्तिका पर साथ में दिए गए कोष्ठक में आपको अपना अनुक्रमांक लिखना है । परीक्षण पुस्तिका पर और कुछ न लिखें ।
- 4. इस परीक्षण पुस्तिका में 100 प्रश्नांश (प्रश्न) दिए गए हैं । प्रत्येक प्रश्नांश हिन्दी और अंग्रेज़ी दोनों में छपा है । प्रत्येक प्रश्नांश में चार प्रत्युत्तर (उत्तर) दिए गए हैं । इनमें से एक प्रत्युत्तर को चुन लें, जिसे आप उत्तर-पत्रक पर अंकित करना चाहते हैं । यदि आपको ऐसा लगे कि एक से अधिक प्रत्युत्तर सही हैं, तो उस प्रत्युत्तर को अंकित करें जो आपको सर्वोत्तम लगे । प्रत्येक प्रश्नांश के लिए केवल एक ही प्रत्युत्तर चुनना है ।
- 5. आपको अपने सभी प्रत्युत्तर अलग से दिए गए उत्तर-पत्रक पर ही अंकित करने हैं । उत्तर-पत्रक में दिए गए निर्देश देखिए ।
- 6. सभी प्रश्नांशों के अंक समान हैं।
- 7. इससे पहले कि आप परीक्षण पुस्तिका के विभिन्न प्रश्नांशों के प्रत्युत्तर उत्तर-पत्रक पर अंकित करना शुरू करें, आपको प्रवेश प्रमाण-पत्र के साथ प्रेषित अनुदेशों के अनुसार कुछ विवरण उत्तर-पत्रक में देने हैं ।
- 8. आप अपने सभी प्रत्युत्तरों को उत्तर-पत्रक में भरने के बाद तथा परीक्षा के समापन पर केवल उत्तर-पत्रक अधीक्षक को सौंप दें। आपको अपने साथ परीक्षण पुस्तिका ले जाने की अनुमित है।
- 9. कच्चे काम के लिए पत्रक, परीक्षण पुस्तिका के अंत में संलग्न हैं।
- 10. ग़लत उत्तरों के लिए दंड :

सभी प्रश्नों में उम्मीदवार द्वारा दिए गए गुलत उत्तरों के लिए दंड दिया जाएगा ।

- (i) प्रत्येक प्रश्न के लिए चार वैकल्पिक उत्तर हैं । उम्मीदवार द्वारा प्रत्येक प्रश्न के लिए दिए गए एक ग़लत उत्तर के लिए प्रश्न हेतु नियत किए गए अंकों का **एक-तिहाई** दंड के रूप में काटा जाएगा ।
- (ii) यदि कोई उम्मीदवार एक से अधिक उत्तर देता है, तो इसे ग़लत उत्तर माना जाएगा, यद्यपि दिए गए उत्तरों में से एक उत्तर सही होता है, फिर भी उस प्रश्न के लिए उपर्युक्तानुसार ही उसी तरह का दंड दिया जाएगा ।
- (iii) यदि उम्मीदवार द्वारा कोई प्रश्न हल नहीं किया जाता है, अर्थात् उम्मीदवार द्वारा उत्तर नहीं दिया जाता है, तो उस प्रश्न के लिए कोई दंड नहीं दिया जाएगा ।

जब तक आपको यह परीक्षण पुस्तिका खोलने को न कहा जाए तब तक न खोलें

Note: English version of the instructions is printed on the back cover of this Booklet.



**India:** 

## 1. Consider the following statements regarding the water crisis in Naini Lake:

- Reduced snowfall and rainfall have contributed to the lake's record-low water levels.
- 2. Zero level indicates the lake is completely dry.
- Encroachments and construction in recharge zones have disrupted natural water flow.
- 4. Climate change has had no measurable impact on the lake's ecosystem.

Which of the statements given above are correct?

- a. 1 and 3 only
- b. 1, 2 and 3 only
- c. 2, 3 and 4 only
- d. All of the above

### 2. With reference to screen use and sleep, consider the following statements:

- Bedtime screen use can lead to insomnia by emotionally stimulating the brain.
- The type of screen used significantly affects sleep quality.
- Time displacement is the key reason screen use disrupts sleep.
- Experts recommend turning off screens at least
   minutes before bedtime.

Which of the above are correct?

- a. 1 and 2 only
- b. 1, 3 and 4 only
- c. 3 and 4 only
- d. All of the above

### 3. Consider the following about farm mechanisation in

- The Indian tractor market is larger in value than the market for all other farm machinery combined.
- Rotavators are used for both primary and secondary tillage in a single pass.
- Transplanters help alleviate labor shortages, particularly in wheat cultivation.
- 4. Custom-hiring services help small farmers access costly machinery.

Which of the statements are correct?

- a. 1 and 3 only
- b. 1, 2 and 4 only
- c. 2, 3 and 4 only
- d. All of the above

# 4. Which of the following statements regarding Arctic geopolitics are correct?

- The Arctic is protected under a special international treaty like Antarctica.
- 2. Russia maintains the largest icebreaker fleet in the Arctic.
- Disputes such as the Northwest Passage involve conflicting claims between Canada and the U.S.
- 4. The Arctic Council includes China as a permanent member.

Choose the correct answer:

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1, 3 and 4 only
- d. All of the above
- 5. Which of the following are correctly matched?









- ChaSTE A lunar thermal probe used in Chandrayaan-3
- Sagaing Fault A major subduction zone in Myanmar
- AI CSAM Involves computer-generated child abuse content
- Ottawa Convention Prohibits use of landmines globally

#### Select the correct answer:

- a. 1, 2 and 3 only
- b. 2, 3 and 4 only
- c. 1, 3 and 4 only
- d. All of the above

### 6. With reference to the Waqf (Amendment) Bill,

#### consider:

- 1. It removes "waqf by use" as a valid basis.
- Collector will manage property surveys and disputes.
- Non-Muslims cannot be part of State Waqf Boards.
- 4. The Limitation Act now applies to waqf property claims.

### Which are correct?

- a. 1, 2 and 4 only
- b. 2 and 3 only
- c. 1, 3 and 4 only
- d. All of the above

### 7. Regarding India's air pollution response, consider:

- Programs like NCAP and PMUY are fully integrated.
- Air quality monitors can be misleading if not linked to activity data.

- 3. Lack of local capacity weakens implementation.
- Rural areas face less pollution but get more funds.

#### Which are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1, 3 and 4 only
- d. All of the above

### 8. Which of the following about Mahabodhi Temple is correct?

- BGTA ensures Buddhists hold chairmanship of the committee.
- Places of Worship Act, 1991 protects current religious nature.
- 3. Buddhists demand repeal of the 1949 Act.
- 4. The committee has equal Hindu and Buddhist representation.

### Correct statements:

- a. 1, 2 and 3 only
- b. 2 and 4 only
- c. 2, 3 and 4 only
- d. All of the above

### 9. Which are effects of aerosol reduction in India?

- Sudden regional warming due to loss of "masking" effect.
- 2. Monsoon becomes more uniform across India.
- 3. Rainfall disruption due to temperature imbalance.
- 4. Better air quality leads to immediate health gains.

#### Select the correct statements:

a. 1 and 3 only









- b. 1, 3 and 4 only
- c. 2 and 4 only
- d. All of the above

### 10. Which of the following about satellite internet in

#### India is true?

- 1. Starlink helps bridge rural digital divide.
- Digital sovereignty concerns arise from foreign control.
- Indian law mandates domestic control of satellite firms.
- 4. ISRO is developing domestic satellite internet.

#### Choose the correct set:

- a. 1, 2 and 3 only
- b. 1 and 2 only
- c. 1, 2 and 4 only
- d. All of the above

### 11. Consider the following about judicial

### accountability:

- 1. Judges now must publicly disclose assets.
- Transfers of accused judges ensure accountability.
- 3. Judicial impeachment is an easy process.
- Mechanisms for in-house accountability are still weak.

#### Correct statements:

- a. 1 and 2 only
- b. 1 and 4 only
- c. 2, 3 and 4 only
- d. All of the above

### 12. Which of the following correctly describe the

### concept of 'Active Mobility'?

1. Promotes walking and cycling as legal rights

- 2. Helps reduce urban emissions and congestion
- Is mandated under a central government law across India

Select the correct answer using the code below:

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

## 13. With reference to India's strategic export regulations, consider the following statements:

- India is a member of the Missile Technology
   Control Regime.
- Dual-use items and technologies in India are regulated under the SCOMET list.

Which of the statements is/are correct?

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

# 14. Consider the following statements about Studio Ghibli's animation style:

- 1. It heavily relies on computer-generated images.
- 2. It emphasizes emotional realism through hand-drawn visuals.
- 3. It uses AI for animation development.

Which of the statements is/are correct?

- a) 1 and 3 only
- b) 2 only
- c) 2 and 3 only
- d) All of the above

# 15. Consider the following statements about a recent shingles vaccine study:









- 1. It has been shown to reduce the risk of dementia.
- It is known to cause long-term memory loss in older adults.

Which of the statements is/are correct?

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

### 16. Consider the following statements about the

#### **RAPID-CRISPR test:**

- 1. It is used for quick detection of tuberculosis.
- It offers early diagnosis of Acute Promyelocytic Leukemia (APL).

Which of the statements is/are correct?

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

### 17. Regarding black tiger prawn farming, consider the following statements:

- It is typically practiced in high-altitude freshwater areas.
- 2. It requires brackish water for optimal cultivation.

Which of the statements is/are correct?

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

### 18. Consider the following statements about pink

### bollworm infestation:

- 1. It has developed resistance to Bt cotton.
- 2. It affects mainly rice and wheat crops.

Which of the statements is/are correct?

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

### 19. Regarding the recent Supreme Court ruling on

#### Governor's discretion in state Bills, consider:

- The Court ruled that the President must act within a reasonable time on state bills.
- The Court fixed a three-month limit for action on bills sent to the President.

Which of the statements is/are correct?

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

### 20. Consider the following statements regarding

### Aadhaar-voter ID linkage:

- The linkage is completely mandatory as per current rules.
- 2. Privacy concerns over the linkage invoke constitutional protections.

Which of the statements is/are correct?

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

### 21. Consider the following statements about global

### carbon sinks:

 Arctic boreal forests have recently turned into net carbon sources.









This shift is primarily due to permafrost thaw and wildfires.

Which of the statements is/are correct?

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

### 22. Consider the following about India's AI policy:

- India has launched the IndiaAI Mission to boost
   AI research.
- A dedicated Deep-Tech Fund has been created to support startups.

Which of the statements is/are correct?

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

### 23. Consider the following about Telangana's

### Kaleshwaram Project:

- The crisis was caused by declining rainfall patterns.
- Technical faults in pump houses contributed to the disruption.

Which of the statements is/are correct?

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

# 24. onsider the following statements about India's stance on the Indus Waters Treaty (IWT) in 2025:

 India decided to suspend the IWT unilaterally in response to cross-border terrorism. 2. The suspension affects the sharing of both the eastern and western rivers of the Indus basin.

Which of the statements is/are correct?

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

# 25. Consider the following pairs of rivers and their origin states:

- 1. Godavari Maharashtra
- 2. Mahanadi Chhattisgarh
- 3. Kaveri Karnataka
- 4. Krishna Andhra Pradesh

Which of the above pairs are correctly matched?

- a) 1 and 3 only
- b) 2 and 4 only
- c) 1, 2, and 3 only
- d) All of the above

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### **ANSWER KEY**

1. Answer: a. 1 and 3 only

Explanation: Statements 1 and 3 are correct. Zero level does not mean the lake is dry (2 is incorrect), and climate change has significantly affected the lake (4 is incorrect).

2. Answer: c. 3 and 4 only

Explanation: Time displacement is the key factor (3 correct), and experts advise a screen break (4 correct).

Emotional stimulation and screen type are less relevant (1 and 2 incorrect).

3. Answer: b. 1, 2 and 4 only

Explanation: Transplanters are primarily for paddy, not wheat. The rest are correct.

4. Answer: b. 2 and 3 only

Explanation: The Arctic is not under a special treaty like Antarctica (1 wrong). China is not a permanent member of the Arctic Council (4 wrong).

5. Answer: c. 1, 3 and 4 only

Explanation: The Sagaing fault is a strike-slip fault, not a subduction zone (2 is incorrect).

6. Answer: a. 1, 2 and 4 only

Explanation: Non-Muslim representation is allowed under the new Bill (3 is wrong).

7. Answer: b. 2 and 3 only

Explanation: Programs are not integrated (1 wrong), and rural areas get less focus, not more (4 wrong).

8. Answer: c. 2, 3 and 4 only

Explanation: The District Magistrate (usually Hindu) is chairperson under BGTA, not a Buddhist (1 wrong).

9. Answer: b. 1, 3 and 4 only

Explanation: Monsoon becomes more erratic, not more uniform (2 wrong).

10. Answer: c. 1, 2 and 4 only

Explanation: No legal mandate for foreign exclusion exists (3 is incorrect).

11. Answer: b. 1 and 4 only

Explanation: Transfers and impeachment processes are ineffective or difficult (2 and 3 wrong).

12. Answer: a. 1 and 2 only

Explanation: Statement 3 is incorrect — the Karnataka Active Mobility Bill is a state-level law, not central.

13. Answer: c) Both 1 and 2

Explanation: India is part of MTCR, and SCOMET governs the export of sensitive and dual-use technologies.

14. Answer: b) 2 only

Explanation: Studio Ghibli is renowned for intricate, emotional, hand-drawn animations rather than AI or CGI dominance.

15. Answer: a) 1 only

Explanation: The vaccine was associated with a lower incidence of dementia; no evidence links it to memory loss.

16. Answer: b) 2 only

Explanation: The test is specifically designed for rapid detection of APL using CRISPR-based tools.

17. Answer: b) 2 only

Explanation: This prawn species thrives in brackish water, commonly found in estuarine regions.

18. Answer: a) 1 only

Explanation: Pink bollworm has become resistant to Bt cotton in several regions, leading to crop losses.









19. Answer: c) Both 1 and 2

Explanation: The Court held that indefinite delay in

Presidential assent violates federal principles and

mandated a 3-month window.

20. Answer: b) 2 only

Explanation: The linkage is claimed to be voluntary, and

it has raised privacy concerns under Article 21.

21. Answer: c) Both 1 and 2

Explanation: The boreal zone is now releasing more CO<sub>2</sub>

due to warming and increased fire activity.

22. Answer: c) Both 1 and 2

Explanation: India's recent AI strategy includes both

initiatives to promote local innovation and research.

23. Answer: b) 2 only

Explanation: The primary cause was engineering failure

in key pump structures, not rainfall deficiency.

24. Answer: a) 1 only

Explanation: India announced a suspension as a

diplomatic measure, but the treaty primarily governs the

western rivers; India already has full rights over eastern

rivers.

25. Answer: c) 1, 2, and 3 only

Explanation: Godavari originates in Maharashtra,

Mahanadi in Chhattisgarh, and Kaveri in Karnataka.

Krishna originates in Maharashtra, not Andhra Pradesh.

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