

1989601

परीक्षण पुस्तिका



सामान्य अध्ययन

प्रश्न-पत्र - I

समय : दो घण्टे

पूर्णांक : 200

अनुदेश

1. 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।
3. 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 अनुमति 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 ग़लत 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.



1. Consider the following statements about the

Uniform Civil Code (UCC):

1. It was initially discussed under Article 35 of the Constitution.
2. Dr. B.R. Ambedkar argued that the UCC would bring equality in criminal laws.
3. The UCC is enforceable under the Directive Principles of State Policy.

Which of the above is/are correct?

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

2. Consider the following statements about Thomas

Piketty's views:

1. Inequality in opportunity is the primary issue for India.
2. Taxing unrealized wealth is essential for reducing inequality.
3. Increasing public investment in health and education is critical for economic growth.

Which of the above is/are correct?

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

3.Assertion: Droughts could impact 75% of the global population by 2050.

Reason: COP16 successfully finalized a global drought response protocol.

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 true, but R is false.

d) A is false, but R is true.

4. Consider the following statements about La Niña's influence on India:

1. It typically brings normal or above-normal monsoons.
2. La Niña years often cause harsh summers in India.
3. La Niña winters are characterized by colder nights.

Which of the above is/are correct?

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

5.Assertion: Indian Railways' Mission 100% Electrification reduces diesel consumption.

Reason: India's electricity generation predominantly comes from renewable sources.

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 true, but R is false.

d) A is false, but R is true.





6. Consider the following statements about Sovereign

Gold Bonds (SGBs):

1. SGBs offer market-based redemption and annual interest.
2. High financing costs make SGBs less viable for fiscal management.
3. SGBs have been discontinued due to their irrelevance in boosting gold demand.

Which of the above is/are correct?

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

7. **Assertion:** India's generic drugs are uniformly effective.

Reason: Decentralized regulation in India ensures consistent quality standards.

- 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 true, but R is false.
- d) A is false, but R is true.

8. Consider the following statements about astrobiology research:

1. Spectroscopy helps detect biosignatures like oxygen in exoplanet atmospheres.

2. Mineral diversity on exoplanets has no connection to biological evolution.
3. Technosignatures, like artificial lights, are considered evidence of intelligent life.

Which of the above is/are correct?

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

9. **Assertion:** The U.S. Congressional report concluded COVID-19 originated in a lab.

Reason: Evidence includes the unique furin cleavage site in SARS-CoV-2.

- 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 true, but R is false.
- d) A is false, but R is true.

10. Question (Match the Following):

Match the following impacts of La Niña:

Impact	Region
1. Above-normal monsoons	a) India
2. Intensified hurricanes	b) Atlantic Ocean
3. Drought conditions	c) Africa
4. Colder nights, warmer days	d) Indian winters





11. **Assertion:** Secondary aerosols like hydroxymethanesulphonate (HMS) form primarily in cold, dark conditions.

Reason: HMS requires highly acidic aerosol particles to form.

- 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 true, but R is false.
- d) A is false, but R is true.

12. **The Niger River flows through which of the following countries?**

- 1. Mali
- 2. Nigeria
- 3. Chad
- 4. Niger

Select the correct answer using the codes given below:

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

13. **Which of the following Gulf countries is the closest geographically to Kuwait?**

- (a) Oman
- (b) Bahrain
- (c) United Arab Emirates
- (d) Qatar

14. **Consider the following components of the India-Middle East-Europe Economic Corridor (IMEC):**

- 1. Renewable energy transport infrastructure
- 2. High-speed rail connections
- 3. A unified customs mechanism

Which of the above is/are part of IMEC's vision?

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

15. **Which of the following countries are part of the India-Middle East-Europe Economic Corridor (IMEC)?**

- 1. India
- 2. Saudi Arabia
- 3. Germany
- 4. United Arab Emirates

Select the correct answer using the codes given below:

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

16. **With reference to the International Year of Millets 2023, consider the following statements:**

- 1. It was proposed by India at the UN General Assembly.
- 2. Millets play a significant role in combating climate change.



3. The Food and Agriculture Organization (FAO) officially endorsed India as the "Millet Capital of the World."

Which of the statements given above is/are correct?

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

17. Consider the following statements regarding millets:

- 1. Millets are climate-resilient crops that require less water.
- 2. India is the largest exporter of millets globally.
- 3. Millets are rich in dietary fiber, iron, and calcium.

Which of the above statements is/are correct?

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

18. Assertion: The Supreme Court classified coconut oil as an edible oil for taxation.

Reason: The classification was based on the common parlance test, which prioritizes public perception.

- 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 true, but R is false.
- d) A is false, but R is true.

19. Which of the following is highlighted in the IPBES "Nexus Report"?

- a) Global crises like biodiversity loss can be addressed in isolation.
- b) Biodiversity loss costs global GDP over \$100 trillion annually.
- c) Integrated solutions to crises can create \$10 trillion in opportunities by 2030.
- d) Climate change is unconnected to food and water security.

20. What was a significant difference in replication between the 2022 H5N1 strain and the 2005 strain?

- a) The 2022 strain shows better replication in the upper respiratory tract.
- b) The 2005 strain replicated more efficiently in human nasal cells.
- c) The 2022 strain fails to replicate in human respiratory cells.
- d) Both strains exhibit equal replication efficiency.

21. Assertion: India plans to launch its first quantum satellite in 2-3 years.

Reason: Quantum satellites use classical encryption methods that are resistant to hacking.

- 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 true, but R is false.
- d) A is false, but R is true.

22. **Which location in India has been chosen for testing quantum communication technologies?**

- a) ISRO's Bengaluru Campus
- b) Indian Astronomical Observatory, Hanle, Ladakh
- c) Vikram Sarabhai Space Centre, Thiruvananthapuram
- d) National Centre for Quantum Computing, Pune

23. **What is India's proposed range for QKD communication in the National Quantum Mission?**

- a) 100 km
- b) 300 km
- c) 500 km
- d) 1,000 km

24. **Assertion:** Most processed convenience foods in India are high in carbohydrates and low in protein.

Reason: Processed foods prioritize taste and shelf life over nutritional value.

- 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 true, but R is false.
- d) A is false, but R is true.

25. **Assertion:** The FSSAI ensures that food products in India meet quality and safety standards.

Reason: It implements the Food Safety and Standards Act, 2006, which unifies all food-related regulations under one law.

- 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 true, but R is false.
- d) A is false, but R is true.

GET FULL 100 MCQ PRELIMS
PRACTICE SET





ANSWERS WITH **EXPLANATION**

1. Answer: a) 1 only

Explanation: UCC was debated as Article 35 before being renumbered to Article 44. Ambedkar supported UCC for personal law uniformity, not for criminal laws, and the Directive Principles are not enforceable by law

2. Answer: a) 1 and 3

Explanation: Piketty emphasizes opportunity inequality and public investment for growth but is skeptical about taxing unrealized wealth, as it may disrupt the economy

3. Answer: c) A is true, but R is false.

Explanation: COP16 did not finalize a binding protocol but highlighted the severity of droughts globally

4. Answer: a) 1 and 3

Explanation: La Niña leads to robust monsoons and colder winters, unlike El Niño, which causes harsh summers and droughts in India

5. Answer: c) A is true, but R is false.

Explanation: Electrification reduces diesel use, but India's electricity is still heavily coal-dependent, making environmental benefits limited

6. Answer: a) 1 and 2

Explanation: SGBs offer benefits but have high financing costs. They are still active but may be reduced due to declining relevance

7. Answer: d) A is false, but R is true.

Explanation: India's fragmented drug regulation leads to inconsistent enforcement and quality standards

8. Answer: a) 1 and 3

Explanation: Spectroscopy and technosignatures aid in detecting extraterrestrial life, but mineral diversity is linked to biological processes

9. Answer: a) Both A and R are true, and R is the correct explanation of A.

Explanation: The furin cleavage site is a key indicator in the lab-leak hypothesis, as highlighted by the report

10. Answer: a) 1-a, 2-b, 3-c, 4-d

Explanation: La Niña typically benefits monsoons in India, intensifies hurricanes in the Atlantic, and causes droughts in Africa.

11. Answer: c) A is true, but R is false.

Explanation: HMS forms in supercooled particles with less acidic aerosols, as observed in Fairbanks, Alaska.

12. Answer: (a) 1, 2, and 4 only

Explanation: The Niger River originates in Guinea, flows through Mali, Niger, and enters Nigeria before emptying into the Gulf of Guinea. The river does not flow through Chad.

13. Answer: (b) Bahrain

Explanation: While Bahrain is not directly adjacent, it is geographically the closest Gulf Cooperation Council (GCC) country to Kuwait after Saudi Arabia.

14. Answer: (b) 1 and 2 only

Explanation: Renewable energy and rail transport are key aspects of IMEC's development plan. However, a unified customs mechanism is not explicitly part of the framework.

15. Answer: (c) 1, 2, 3, and 4





Explanation: India, Saudi Arabia, the UAE, and Germany are stakeholders in the IMEC project, along with other countries like Italy and France.

16. Answer: (a) 1 and 2 only

- **Explanation:** Statement 1 is correct: India proposed the International Year of Millets 2023 to the UNGA.
- Statement 2 is correct: Millets, due to their low water requirements, contribute to sustainable agriculture and climate resilience.
- Statement 3 is incorrect: The FAO has not given any such designation to India.

17. Answer: (b) 1 and 3 only

- **Explanation:** Statement 1 is correct: Millets are highly drought-resistant, require less water, and grow in arid regions.
- Statement 2 is incorrect: While India is a major producer, it is not the largest exporter. Nigeria is a significant millet producer.
- Statement 3 is correct: Millets are a rich source of essential nutrients like dietary fiber, iron, and calcium.

18. Answer: c) A is true, but R is false.

Explanation: The Supreme Court rejected the common parlance test, emphasizing legal and Harmonized System of Nomenclature (HSN) norms instead

19. Answer: c) Integrated solutions to crises can create \$10 trillion in opportunities by 2030.

Explanation: The report emphasizes integrated solutions for interconnected crises, with significant economic benefits

20. Answer: a) The 2022 strain shows better replication in the upper respiratory tract.

Explanation: The 2022 strain demonstrates higher adaptability to human respiratory cells

21. Answer: c) A is true, but R is false.

Explanation: India is developing quantum satellites, but they rely on quantum principles, not classical encryption methods

22. Answer: b) Indian Astronomical Observatory, Hanle, Ladakh

Explanation: Hanle in Ladakh is ideal due to its clear atmospheric conditions, making it suitable for satellite-based QKD testing

23. Answer: c) 500 km

Explanation: India aims to establish a strong quantum communication network with a 500 km beam range for QKD

24. Answer: a) Both A and R are true, and R is the correct explanation of A.

Explanation: The study revealed that most processed foods are high in carbs and low in protein, aligning with consumer preferences for taste and shelf life

25. Answer: a) Both A and R are true, and R is the correct explanation of A.

Explanation: FSSAI was established under the Food Safety and Standards Act, 2006, to ensure food safety and unify regulations

**GET FULL 100 MCQ PRELIMS
PRACTICE SET**

