

General Studies

Current Affair Test (October-2024)

V-10**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO**

Time Allowed: 2 Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. Encode clearly the Test Paper Code Number in the appropriate place in the response sheet.
3. You have to enter your Roll Number on the Test Booklet in the box provided alongside.

DO NOT write *anything else* on the Test Booklet.

4. This Test Booklet contains 100 questions. Each question is printed both in Hindi and English. Each question comprises four responses (answers). You will select one response, which you want to mark on the Response Sheet. In case you feel that there is more than one correct response, mark the response, which you consider the best. In any case, choose Only ONE response for each item. More than one response will be treated as wrong answer.
5. In case you find any discrepancy in this test booklet in any questions or the Responses; a written representation explaining the details of such alleged discrepancy, be submitted within three days, indicating the No.s and the Test Booklet Series, in which the discrepancy is alleged Representation not received within time shall not be entertained at all.
6. You have to mark all your responses **ONLY** on the separate Response Sheet provided
7. All questions carry equal marks.
8. **Penalty for wrong answers :**

IN THE OBJECTIVE TYPE QUESTION PAPERS.

- (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answer happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank, i.e. no answer is given by the candidate, there will be no penalty for that question.
9. Before you proceed to mark in the Response Sheet, the response to various items in the Test Booklet, you have to fill in some particulars in the Response Sheet.
 10. While writing Name and Roll No. on the top of the Response Sheet in appropriate boxes use "Only BALL POINT PEN". Use BALL POINT PEN to fill all the remaining ovals in OMR Sheet.
 11. After you have completed filling in all your responses on the Response Sheet and the examination has concluded, you should hand over to the Invigilator question Book let and OMR Response Sheet. You are not permitted to take away the Test Booklet.

ध्यान दें : अनुदेशों का हिंदी रूपांतर इस पुस्तिका के अंतिम पृष्ठ पर छपा है ।

Q1. Which of the following accurately describes the Munich Agreement of 1938?

- (a) It was a peace treaty signed between Germany and the Soviet Union.
- (b) It was a treaty to end World War II.
- (c) It was a non-aggression pact signed between the United States and Germany.
- (d) It allowed Nazi Germany to annex the Sudetenland region of Czechoslovakia

Q2. Which of the following is not considered a motor symptom of Parkinson's disease?

- (a) Tremors
- (b) Bradykinesia
- (c) Gastrointestinal symptoms
- (d) Dystonia

Q3. Which operation was initiated to address the wolf attacks in Bahraich, Uttar Pradesh?

- (a) Operation Leopard
- (b) Operation Jungle Watch
- (c) Operation Shikaar
- (d) Operation Bhediya

Q4. Consider the following statements about the Indian Gray Wolf:

- 1. It is listed in Schedule I of the Wildlife (Protection) Act of 1972 in India, granting it the highest level of protection.
- 2. The Indian Gray Wolf is classified under Appendix III of CITES, reflecting its vulnerability in international trade.
- 3. The Indian Gray Wolf is a critically endangered species, as per the IUCN Red List.

Which of the statements given above is correct?

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

Q5. Which body of water does Sudan share a coastline with?

- (a) Mediterranean Sea
- (b) Arabian Sea
- (c) Red Sea
- (d) Atlantic Ocean

Q6. Consider the following statements regarding the Ramon Magsaysay Award:

- 1. The award is given only to citizens of Southeast Asia.
- 2. It was established to honor the then president of the Philippines, Ramon Magsaysay.
- 3. Recipients of the award receive a medallion, a certificate, and not cash prize.

Which of the statements given above is correct?

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

Q7. Match the following terms with their descriptions in the context of wildlife conservation:

List I (Term)

List II (Description)

- | | |
|--|---|
| A. IUCN Least Concern | 1. International trade in species is regulated |
| B. CITES Appendix I | 2. Highest level of protection under Indian law |
| C. Wildlife (Protection) Act, Schedule I | 3. Species not currently at significant global risk |
| D. Endangered | 4. Species at high risk of extinction in the wild |
- (a) A-3, B-1, C-2, D-4
(b) A-1, B-3, C-2, D-4
(c) A-4, B-3, C-1, D-2
(d) A-2, B-4, C-1, D-3

Q8. Consider the following statements regarding mitochondrial dynamics in Parkinson's disease:

- 1. Mitochondria are static structures that maintain a fixed size and location in the cell.
- 2. Imbalances in mitochondrial dynamics are linked to neurodegenerative diseases, including Parkinson's disease.
- 3. Mitochondrial dysfunction is considered one of the underlying causes of the cell death observed in Parkinson's disease.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q9. Consider the following statements regarding the legal and regulatory frameworks for groundwater management in India:

- 1. Article 21 of the Indian Constitution recognizes the fundamental right to clean water as part of the right to life.
- 2. The Model Groundwater Bills empower state boards to manage water resources by creating laws at the state level.
- 3. The Polluter Pays Principle is used to mandate that the government, not the polluter, bears the cost of groundwater contamination cleanup.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q10. Which of the following characteristics distinguishes the Asiatic cheetah from the African cheetah?

- (a) Larger body size
- (b) Darker coat
- (c) Presence of red eyes
- (d) Stronger bite force

Q11. Match the following schemes under PM-AASHA with their respective objectives:

Scheme	Objective
A. Price Support Scheme (PSS)	1. Buffer stock of pulses and onions
B. Price Deficit Payment Scheme (PDPS)	2. Managing market surplus of agricultural products
C. Market Intervention Scheme (MIS)	3. Compensating farmers when market prices fall below MSP
D. Price Stabilisation Fund (PSF)	4. Ensuring fair prices for specific agricultural commodities

Options:

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

Q12. Consider the following statements regarding the India Semiconductor Mission (ISM):

- 1. ISM is part of India's Digital India Initiative.
- 2. It offers a 50% capital expenditure subsidy for semiconductor projects.
- 3. ISM's focus is only on civilian and defense semiconductor manufacturing.
- 4. ISM aims to reduce India's dependency on semiconductor imports.

Which of the above statements is/are correct?

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

Q13. Which state is not involved in the Eastern Rajasthan Canal Project (ERCP)?

- (a) Rajasthan
- (b) Madhya Pradesh
- (c) Gujarat
- (d) None of the above

Q14. Which of the following best describes India's role in the GlobE Network as of 2023?

- (a) India has been elected as a member of the 15-member steering committee
- (b) India serves as the chair of the GlobE Network
- (c) India is a non-member observer state
- (d) India has not yet joined the GlobE Network

Q15. Consider the following statements about the Development Action Plan for Scheduled Tribes (DAPST):

- 1. DAPST is responsible for funding tribal development programs under Pradhan Mantri Janatiya Unnat Gram Abhiyan (PMJUGA).
- 2. The funding for DAPST is allocated exclusively to the Ministry of Tribal Affairs.
- 3. It provides financial resources for schemes aimed at the socio-economic development of tribal areas.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q16. Consider the following statements about the Chambal River:

- 1. Chambal River originates from the Vindhya Range in Madhya Pradesh.
- 2. The Chambal River has tributaries such as Banas and Parbati.
- 3. The Chambal River directly flows into the Ganga River.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q17. Consider the following statements regarding the PARAM series of supercomputers:

- 1. PARAM Siddhi AI is ranked among the top 100 supercomputers globally.
- 2. PARAM Pravega and PARAM Utkarsh are part of this series.
- 3. The PARAM series is developed by ISRO.
- 4. PARAM Shivay is specifically used for space exploration.

Which of the statements given above is/are correct?

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

Q18. Consider the following statements regarding the L69 Grouping:

- 1. African nations are not part of the grouping.
- 2. The group focuses on UNSC reforms, advocating for both permanent and non-permanent seat expansion.
- 3. India is a member of the L69 Grouping.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q19. Consider the following statements regarding the C10 Grouping:

- 1. The C10 represents 10 countries from the African Union.
- 2. The C10 promotes the Ezulwini Consensus, advocating for Africa's inclusion in the UNSC.
- 3. C10's primary goal is economic reforms in global institutions.

Which of the above statements is/are correct?

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

Q20. Consider the following statements regarding the United Nations Security Council (UNSC):

- 1. It was established after World War II as a principal organ of the United Nations.
- 2. It is responsible for making binding decisions on international peace and security.
- 3. All members, both permanent and non-permanent, have equal voting power in the UNSC.
- 4. Permanent members can veto decisions made by the UNSC.

Which of the statements given above is/are correct?

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

Q21. Consider the following statements regarding the Periodic Labour Force Survey (PLFS):

1. PLFS is conducted by the Ministry of Labour and Employment.
2. PLFS covers households from both rural and urban regions.
3. The survey tracks unemployment rates across various demographics.
4. The data collected is used to inform inflation-related policies.

Which of the statements given above is/are correct?

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

Q22. Which of the following rhino species is classified as "Near Threatened" according to the IUCN status?

- (a) Black Rhino
(b) Sumatran Rhino
(c) White Rhino
(d) Greater One-Horned Rhino (Indian Rhino)

Q23. Consider the following statements regarding the objectives of the Quad's Cancer Moonshot Initiative:

1. The initiative is primarily focused on reducing all types of cancer across the globe.
2. HPV vaccination and early screening are key components of the initiative's efforts to reduce cervical cancer deaths.
3. The initiative will work with organizations like Gavi to lower screening costs and improve cancer care access.

How many of the above statements is/are incorrect?

- (a) Only one (b) Only two
(c) All three (d) None

Q24. Consider the following statements regarding the CSIRT-Power facility:

1. CSIRT-Power focuses exclusively on protecting the defense infrastructure of India.
2. It was established under the Digital India Mission framework.
3. The primary objective of CSIRT-Power is to facilitate internet access for rural communities.

Which of the statements given above is/are correct?

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

Q25. Consider the following statements about the 2024 UN Summit of the Future:

1. The Summit primarily focuses on issues related to space exploration and ocean governance.
2. The "Pact for the Future" is an action-oriented agreement aiming to address global challenges like sustainable development and digital cooperation.
3. One of the outcomes of the Summit is the establishment of a Global Digital Compact.

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) None of the above

Q26. Consider the following statements about Coalition for Disaster Resilient Infrastructure's (CDRI) partnerships and objectives:

1. CDRI works closely with private-sector organizations to promote the construction of disaster-resilient infrastructure.
2. CDRI's initiatives aim to enhance last-mile connectivity, such as roads and telecom services.
3. The focus of CDRI is on reducing disaster risks, especially in underserved regions.

How many of the above statements is/are correct?

- (a) Only one
(b) Only two
(c) All three
(d) None

Q27. Consider the following statements about the employment indicators tracked by the Periodic Labour Force Survey (PLFS):

1. The work participation rate reflects the proportion of the working-age population currently employed.
2. The unemployment rate in PLFS includes individuals engaged in informal work.
3. The underemployment rate is a key metric used in PLFS to measure those working less than desired hours.
4. PLFS focuses exclusively on formal sector employment.

Which of the statements given above is/are correct?

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

Q28. Consider the following statements about cervical cancer in the Indo-Pacific region:

1. Cervical cancer is the leading cause of cancer deaths among women in the Indo-Pacific.
2. Access to HPV vaccines and early screening for cervical cancer remains limited in the region.
3. The Quad's Cancer Moonshot Initiative aims to reduce the high costs of cancer treatment through public-private partnerships.

How many of the above statements is/are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q29. Consider the following statements about the black and white rhino populations in Africa:

1. The overall rhino population in Africa increased by the end of 2023, despite continued poaching.
2. Both black and white rhino populations have remained stable across all African countries.
3. Poaching has primarily impacted the black rhino population in Namibia and South Africa.

Which of the statements given above is/are correct?

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

Q30. Consider the following statements about poaching and rhino conservation:

1. Rhino horns are primarily poached and sold in China and Vietnam.
2. The Sumatran rhino is critically endangered, with fewer than 50 individuals left.
3. Rhino horn is composed of keratin, the same substance found in human hair and nails.

Which of the statements given above is/are correct?

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

Q31. Which of the following is a key difference between civil contempt and criminal contempt?

- (a) Civil contempt involves disrespecting the authority of the court, while criminal contempt deals with willfully disobeying a court order.
(b) Civil contempt is only applicable to government entities, while criminal contempt applies to individuals.
(c) Civil contempt is punishable by imprisonment, while criminal contempt is not.
(d) Criminal contempt involves actions that obstruct the court's functioning, while civil contempt involves disobeying a court order or breaching legal obligations.

Q32. What was the primary objective of the "Exercise AIKYA" national symposium?

- (a) To test new military strategies in border areas
(b) To focus on disaster management through simulations and technology discussions
(c) To develop new weaponry for disaster situations
(d) To organize relief camps for displaced citizens

Q33. Which country became the first in the world to receive WHO verification for eliminating leprosy?

- (a) India (b) Brazil
(c) Jordan (d) Indonesia

Q34. What is the main objective of India's Fast Track Immigration-Trusted Traveller Programme (FTI-TTP)?

- (a) To provide free travel tickets for High-Net-Worth Individuals (HNWIs)
(b) To offer quicker immigration processing through e-gates for specific groups like HNWIs, CEOs, businessmen, and OCIs
(c) To reduce immigration checks for all passengers
(d) To offer visa-free travel for Indian citizens worldwide

Q35. Consider the following statements about the revised guidelines for EV charging stations:

1. The guidelines propose a revenue-sharing model between the government and private operators.
2. Charging stations must only be installed along highways to meet the 2030 targets.
3. The guidelines encourage EV charging during solar hours by offering lower tariffs to promote renewable energy usage.

How many of the above statements is/are correct?

- (a) Only one (b) Only two
(c) All three (d) None

Q36. Consider the following statements about Bellatrix Aerospace's "Project 200" satellite:

1. "Project 200" can reduce communication latency by half compared to satellites in higher orbits.
2. Satellites in Ultra-Low Earth Orbit (ULEO) provide lower resolution images due to proximity to Earth.
3. The reduced cost of operating satellites in ULEO is a key feature of Bellatrix Aerospace's innovation.
4. Atmospheric drag has minimal impact on satellites in Ultra-Low Earth Orbit.

Which of the statements given above is/are correct?

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

Q37. What is the primary objective of filing a contempt petition in court?

- (a) To enforce a court's decision and hold the violating party accountable
(b) To challenge the constitutionality of a law
(c) To request the court to dismiss a previous judgment
(d) To seek monetary compensation for damages caused by the court's order

Q38. Consider the following statements regarding the "Exercise AIKYA" national symposium:

1. The symposium was a joint effort of the National Disaster Management Authority (NDMA) and the Indian Navy.
2. It focused particularly on disaster management in southern states of India that are prone to cyclones and floods.
3. The event primarily aimed at developing new disaster response vehicles for the army.

Which of the statements given above is/are correct?

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

Q39. Consider the following statements about leprosy elimination:

1. Leprosy elimination means zero cases of the disease globally.
2. WHO verification is given only when no new leprosy cases are reported in a country for over five years.

Which of the above statements is/are correct?

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

Q40. Jordan shares a coastline on which body of water?

- (a) Mediterranean Sea
(b) Arabian Sea
(c) Gulf of Aqaba
(d) Persian Gulf

Q41. The Pradhan Mantri Janjatiya Unnat Gram Abhiyan aims to build on the success of which previous mission?

- (a) PM Janjatiya Atmanirbhar Yojana
- (b) PM Kaushal Vikas Yojana
- (c) PM Gram Sadak Yojana
- (d) PM Janjati Adivasi Nyaya Maha Abhiyan (2023)

Q42. Consider the following statements regarding the National Centre of Excellence (NCoE) for AVGC-XR:

- 1. The institution will offer specialized training in Animation, Visual Effects, Gaming, Comics, and Extended Reality.
- 2. It aims to foster intellectual property (IP) creation in India's AVGC-XR sector.
- 3. The primary goal of the institution is to promote cultural exchanges between India and other countries.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q43. Which of the following crops is targeted by the Price Support Scheme (PSS) under PM-AASHA?

- (a) Rice and wheat
- (b) Pulses, oilseeds, and copra
- (c) Fruits and vegetables
- (d) Cotton and sugarcane

Q44. Which of the following crops is NOT included under Kharif crops for which MSP is announced?

- (a) Paddy
- (b) Cotton
- (c) Rapeseed and Mustard
- (d) Groundnuts

Q45. Consider the following statements about the Biotechnology Research Innovation and Entrepreneurship Development (Bio-RIDE) scheme:

- 1. The scheme merges two existing Department of Biotechnology programs to foster bio-entrepreneurship and innovation.
- 2. It supports circular bioeconomy practices to address healthcare, agricultural, and environmental challenges.
- 3. The scheme's primary focus is on building large-scale industrial infrastructure for biotechnology manufacturing.

Which of the statements given above is/are correct?

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

Q46. Consider the following statements about the Pradhan Mantri Janjatiya Unnat Gram Abhiyan:

- 1. The mission targets 5 crore tribal people by addressing gaps in social infrastructure, education, and health.
- 2. It aims to enhance mobile and road connectivity in tribal-majority villages.
- 3. The primary goal of the mission is industrial development in tribal regions.

How many of the above statements is/are incorrect?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q47. Consider the following statements about the Bharatiya Antariksh Station (BAS-1):

- 1. BAS-1 will focus on scientific research in microgravity environments.
- 2. BAS-1 is part of India's expanded Gaganyaan programme.
- 3. The Indian Space Research Organisation (ISRO) will collaborate with industry and academia for the development of BAS-1.

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

Q48. Consider the following statements regarding pheromones:

- 1. Pheromones are used for communication between members of the same species.
- 2. They can trigger social behaviors like mate attraction and marking territory.
- 3. Pheromones are used by animals for digestion and nutrient absorption.

Which of the statements given above is/are correct?

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

Q49. Regarding the key components of the Bio-RIDE scheme, consider the following statements:

- 1. It supports cutting-edge research in fields like synthetic biology and bioenergy.
- 2. The scheme promotes bio-entrepreneurship through funding, incubation, and mentorship programs.
- 3. It aims to promote traditional manufacturing techniques in biotechnology.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q50. Regarding the components of PM-AASHA, consider the following statements:

- 1. Under the Price Support Scheme (PSS), the government covers procurement costs and losses incurred by nodal agencies.
- 2. The Price Deficiency Payment Scheme (PDPS) involves both physical procurement and price difference compensation for oilseeds.
- 3. The Private Procurement & Stockist Scheme (PPPS) is primarily aimed at rice and wheat procurement.
- 4. PM-AASHA is focused on ensuring MSP assurance for farmers' produce.

Which of the statements given above are correct?

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

Q51. Consider the following statements about the Karam Tree (*Adina cordifolia*):

1. The Karam tree is an evergreen species found across the world.
2. The tree plays a significant cultural role in the Karam festival, symbolizing vitality and strength.
3. It is native to the Indian subcontinent, particularly found in India, Nepal, and Bangladesh.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q52. The ICAR-Central Marine Fisheries Research Institute (CMFRI) was designated as a Centre of Excellence for which of the following?

- (a) Seaweed cultivation
- (b) Marine biodiversity conservation
- (c) Coral reef restoration
- (d) Sustainable fishing techniques

Q53. Which of the following best explains the significance of Quantum Natural Language Processing (QNLP)?

- (a) It improves syntax and semantics in language models while reducing energy consumption.
- (b) It enhances the ability to store vast amounts of data.
- (c) It primarily focuses on improving image recognition.
- (d) It increases the parameters required for natural language processing.

Q54. In the context of pagers, which of the following statements is correct?

- (a) Pagers actively transmit signals like mobile phones.
- (b) Pagers are easy to track because they constantly transmit signals.
- (c) Pagers work by receiving short messages via radio waves.
- (d) None of the above

Q55. The Karam festival is primarily celebrated by which of the following tribal groups?

- (a) Bhil
- (b) Santhal
- (c) Gond
- (d) Khasi

Q56. Consider the following statements about Quantum Computing:

1. Quantum computers use bits like classical computers.
2. Qubits in quantum computers can exist in superposition, representing both 0 and 1.
3. Quantum computing relies on classical algorithms for problem-solving.

Which of the above statements are correct?

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

Q57. Which of the following is not one of the major themes of India's National Quantum Mission (NQM)?

- (a) Quantum Computing
- (b) Quantum Material and Devices
- (c) Quantum Sensing and Metrology
- (d) Quantum Blockchain Systems

Q58. Consider the following statements regarding the National Quantum Mission (NQM) in India:

1. The mission involves the development of secure satellite-based communication systems with Quantum Key Distribution (QKD).
2. The mission is a collaborative effort involving the Department of Science & Technology, ISRO, and DRDO.
3. The mission's primary aim is to make India one of the top three leading nations in quantum technologies globally.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q59. Consider the following statements regarding Seaweed:

1. Seaweed only grows in freshwater ecosystems.
2. Seaweed has no industrial applications.
3. Seaweed plays a minor role in marine ecosystems.

Which of the above statements are correct?

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

Q60. Consider the following statements regarding the Battery Waste Management (BWM) Rules, 2022:

1. The BWM Rules, 2022 were issued by the Ministry of New and Renewable Energy (MNRE).
2. Producers are responsible only for the manufacturing stage of the battery lifecycle under Extended Producer Responsibility (EPR).
3. Environmental compensation is imposed for failing to meet recycling targets under these rules.

Which of the above statements is/are correct?

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

Q61. Which of the following institutions is responsible for leading the Retired Sportsperson Empowerment Training (RESET) Programme launched on National Sports Day?

- (a) Lakshmibai National Institute of Physical Education (LNIPE)
- (b) National Institute of Sports (NIS)
- (c) Sports Authority of India (SAI)
- (d) Indian Olympic Association (IOA)

Q62. Consider the following statements regarding the Payment Passkey Service:

1. The service completely eliminates the use of one-time passwords (OTPs) in online transactions.
2. Tokenization used in the service helps in reducing the risk of exposing sensitive financial information.
3. The service relies solely on facial recognition for user authentication.

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

Q63. Which of the following is a primary use of Dhaincha in agriculture?

- (a) As a cash crop for direct consumption
- (b) As a source of biofuel
- (c) For livestock feed and soil improvement through green manuring
- (d) As a perennial fruit crop

Q64. Consider the following statements about India's strategic submarine capabilities:

1. India has leased an Akula-class submarine from Russia to strengthen its submarine fleet.
2. INS Arihant was commissioned before INS Arighaat and has demonstrated the ability to launch Submarine-Launched Ballistic Missiles (SLBM).
3. The strategic challenges faced by India's SSBN (Ship, Submersible, Ballistic, Nuclear) fleet are primarily due to technological superiority of Chinese submarines.

How many of the above statements are/are incorrect?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q65. Which of the following countries is the world's largest producer of gold?

- (a) India
- (b) Australia
- (c) South Africa
- (d) China

Q66. Which of the following best describes the primary objective of the Retired Sportsperson Empowerment Training (RESET) Programme?

- (a) To equip retired athletes with career development skills and enhance their employability
- (b) To offer medical benefits to retired sportspersons
- (c) To provide financial assistance to retired athletes
- (d) To encourage retired sportspersons to return to active competition

Q67. Consider the following statements about the World Gold Council (WGC):

1. The WGC is primarily composed of central banks and financial institutions as its members.
2. The WGC has offices in India, China, and the United States, among other countries.
3. One of the WGC's key roles is to promote gold as an asset class.

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

Q68. National Sports Day, celebrated on August 29th, commemorates the birth anniversary of which Indian sports legend?

- (a) Kapil Dev
- (b) Milkha Singh
- (c) Major Dhyan Chand
- (d) P.T. Usha

Q69. INS Arighaat, India's second nuclear-powered missile submarine, belongs to which class of submarines?

- (a) Akula-class
- (b) Arihant-class
- (c) Kilo-class
- (d) Shishumar-class

Q70. Which of the following are the benefit of green manuring?

1. Improved soil structure
2. Increased soil salinity
3. Enhanced soil microorganism activity
4. Weed control

How many of the above options is/are correct?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

Q71. In the case of Mithu vs. State of Punjab (1983), which articles of the Indian Constitution did the Supreme Court declare violated by the mandatory death sentence?

- (a) Article 19 and Article 21
- (b) Article 14 and Article 21
- (c) Article 15 and Article 19
- (d) Article 16 and Article 22

Q72. What is the primary purpose of the Poshan Tracker initiative launched by the Ministry of Women and Child Development (MoWCD)?

- (a) To provide financial assistance to pregnant women
- (b) To promote school education for children in rural areas
- (c) To monitor the growth and nutrition of children in real-time using WHO growth charts
- (d) To distribute food grains to underprivileged families

Q73. What is the primary purpose of the Vishvasya-Blockchain Technology Stack launched by the Government of India?

- (a) To regulate cryptocurrency usage in India
- (b) To provide a public blockchain network for all users
- (c) To centralize blockchain infrastructure for government institutions
- (d) To offer Blockchain-as-a-Service (BaaS) for developing permissioned blockchain applications

Q74. What is financialisation in the context of economic activities?

- (a) When the government increases direct control over the financial sector
- (b) When financial markets and institutions dominate economic activities, overshadowing production and investment
- (c) When economic activities focus entirely on manufacturing and agriculture
- (d) When global trade increases the dependence on foreign exchange markets

Q75. What is the primary purpose of the India Graphene Engineering and Innovation Centre (IGEIC) launched by the Ministry of Electronics and IT (MeitY)?

- (a) To focus solely on academic research related to graphene
- (b) To regulate the import and export of graphene in India
- (c) To bridge the gap between graphene R&D and commercialization
- (d) To promote the export of graphene-based products to international markets

Q76. Consider the following statements regarding Quantum Theory and General Relativity:

- 1. Quantum Theory explains the behavior of matter and energy at small scales, such as subatomic particles.
- 2. General Relativity describes the motion of large objects in gravitational fields, such as planets and stars.
- 3. Quantum Theory and General Relativity are fully compatible and have been unified under a single theory of quantum gravity.

Which of the above statements is/are correct?

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

Q77. Which of the following is not a characteristic of graphene?

- (a) Stronger than steel
- (b) Conducts electricity
- (c) Heavier than lead
- (d) Biocompatible

Q78. Consider the following statements about blockchain technology:

- 1. Each block in the blockchain contains encrypted data, which makes it tamper-proof.
- 2. Blockchain operates on a decentralized network, which means no single entity controls the data.
- 3. Smart contracts are used in blockchain to enable self-executing contracts, which automatically enforce agreements.

How many of the above statements is/are incorrect?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q79. Consider the following statements about the risks of financialisation:

- 1. Excessive financialisation can lead to inflated asset prices, making markets vulnerable to crashes.
- 2. Financialisation tends to benefit wealthy individuals more than lower-income groups, contributing to economic inequality.
- 3. Increased financialisation generally decreases the overall debt levels in an economy.

Which of the above statements is/are correct?

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

Q80. Consider the following statements regarding graphene:

- 1. Graphene is made of pure carbon, like graphite, but with a different structure.
- 2. It has the potential to revolutionize the electronics and aerospace industries.
- 3. Graphene has natural magnetic properties that make it ideal for magnetic storage devices.

Which of the above statements is/are correct?

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

Q81. Consider the following statements about jute production in India:

- 1. West Bengal accounts for over 70% of India's total jute production.
- 2. Andhra Pradesh is the second-largest producer of jute in India.
- 3. Assam and Bihar are among the top five jute-producing states in India.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q82. Consider the following statements regarding Amplitude Modulation (AM):

- 1. AM provides better sound quality than Frequency Modulation (FM).
- 2. AM changes the frequency of the carrier wave to encode signals.
- 3. AM is widely used for Wi-Fi and digital transmissions.

Which of the statements given above is/are correct?

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

Q83. Which of the following regions showed the most advancement in cybersecurity according to the Global Cybersecurity Index (GCI) 2024?

- (a) Africa
- (b) Europe
- (c) North America
- (d) Asia

Q84. Consider the following statements regarding the "Integrated Ocean Energy Atlas":

- 1. The atlas focuses only on wave and tidal energy resources.
- 2. It was launched by the Ministry of Renewable Energy.
- 3. The atlas provides real-time data on ocean energy resources.

Which of the statements given above is/are correct?

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

Q85. The “Shabd” website, launched by CSTT in 2024, primarily focuses on which of the following areas?

- (a) Legal glossaries
- (b) Military terminologies
- (c) Scientific and technical glossaries
- (d) Historical records

Q86. Which of the following best describes the Irula tribe?

- (a) A Particularly Vulnerable Tribal Group (PVTG)
- (b) An urbanized community in southern India
- (c) A nomadic pastoralist tribe from the Himalayas
- (d) A coastal fishing community in western India

Q87. Consider the following statements about the World Health Organization’s (WHO) MVA-BN vaccine:

1. The MVA-BN vaccine is the first vaccine approved to combat mpox.
2. The vaccine shows 99% effectiveness with two doses.
3. The vaccine can be stored at 2-8°C for up to eight weeks.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q88. Consider the following statements about the contributions of Mokshagundam Visvesvaraya:

1. He developed automatic gates to regulate the flow of water in reservoirs.
2. He was responsible for designing the Bhakra Nangal Dam in Punjab.
3. He contributed to solving water supply issues in the city of Sukkur, now in Pakistan.

Which of the statements given above are correct?

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

Q89. Consider the following statements regarding Typhoon Yagi:

1. Typhoon Yagi is considered Asia’s strongest cyclone of 2024.
2. Operation Sadbhav was launched to provide humanitarian assistance to Southeast Asia following Typhoon Yagi.

Which of the above statements is/are incorrect?

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

Q90. Consider the following statements regarding the “Global AI Ethics and Governance Observatory”:

1. The observatory solely focuses on AI research in the private sector.
2. It aims to promote ethical AI governance for policymakers, academics, and private enterprises.
3. The observatory does not provide any resources for AI development.

Which of the statements given above are correct?

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

Q91. Which of the following global initiatives is led by the United Nations Environment Programme (UNEP) to combat marine plastic pollution?

- (a) Global Tourism Plastics Initiative
- (b) Ocean Plastics Charter
- (c) Ocean Plastic Pollution Coalition
- (d) Clean Seas Campaign

Q92. Consider the following statements regarding the Sahariya tribe:

1. The Sahariya tribe traces its origins back to the period of the Ramayana.
2. They primarily speak a dialect influenced by Hindi and Brij Bhasha.
3. The Sahariya tribe practices Buddhism as their primary religion.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q93. India’s first ‘teal carbon’ study was conducted in which of the following national parks?

- (a) Kaziranga National Park
- (b) Sundarbans National Park
- (c) Keoladeo National Park
- (d) Jim Corbett National Park

Q94. Consider the following statements regarding the Standing Committee on Economic Statistics (SCES):

1. SCES was established by the Ministry of Finance.
2. The committee focuses primarily on advising survey methodology and finalizing survey tabulation plans.
3. SCES is a permanent committee tasked with providing oversight on economic statistics.

Which of the statements given above is/are correct?

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

Q95. Consider the following statements regarding Silicon Carbide (SiC):

1. SiC is known for its excellent thermal conductivity and mechanical strength.
2. It is commonly used in semiconductor devices, heat exchangers, and ballistic armor.
3. SiC is a natural crystalline compound found in Earth’s crust.

Which of the statements given above is/are incorrect?

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

Q96. Consider the following statements regarding bio-plastics:

1. Bio-plastics are always biodegradable and compostable.
2. Bio-plastics are derived from renewable biomass sources like corn starch and sugarcane.
3. Bio-plastics help reduce the dependency on fossil fuels for plastic production.

Which of the statements given above is/are correct?

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

Q97. The BepiColombo mission is a joint collaboration between which two space agencies?

- (a) NASA and ESA
- (b) Roscosmos and JAXA
- (c) ISRO and NASA
- (d) ESA and JAXA

Q98. Teal carbon refers to carbon stored in which of the following ecosystems?

- (a) Mangroves and coastal wetlands
- (b) Tropical rainforests
- (c) Freshwater wetlands
- (d) Grasslands and savannas



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Q99. Consider the following statements regarding Keoladeo National Park:

1. It is located in Bharatpur, Rajasthan, and is a UNESCO World Heritage Site.
2. Keoladeo National Park was declared the first Ramsar Site in India along with Vembanad Lake.
3. The Gambhir and Banganga rivers flow through the park, supporting its ecosystem.

How many of the above statements is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

Q100. Keoladeo National Park is known for which of the following rare migratory birds?

- (a) Siberian Crane
- (b) Great Indian Bustard
- (c) Himalayan Monal
- (d) Indian Peafowl