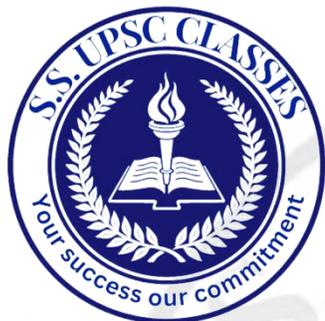
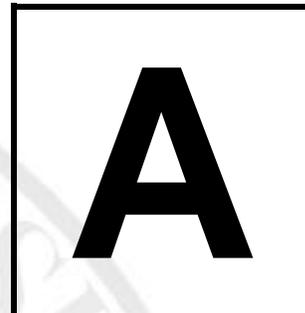

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

SSUPSC0043

Test Booklet Series



TEST BOOKLET
GENERAL STUDIES
PAPER - I



Time Allowed : Two 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.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES CODE A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside this line. DO NOT write anything else on the Test Booklet.
4. This Test Booklet contains 100 questions. Each question is printed in English. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer 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.
5. All items carry equal marks.
6. Penalty for wrong answers: THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE 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 answers 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.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

Q1. Which of the following are the Fundamental Duties under part IVA of the Constitution of India?

1. To develop the spirit of inquiry and reform.
2. To respect the National Flag and the National Anthem.
3. To strive towards excellence in all spheres of individual and collective activity.
4. To cast a vote.

Select the correct answer using the code given below.

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

Q2. Consider the following statements:

1. The proclamation of national emergency must be approved by both Houses of Parliament within two months from the date of its issue.
2. If approved by both houses of Parliament, the emergency continues for six months and can be extended to an indefinite period with the approval of the Parliament every six months.

Which of the statements given above is/are correct?

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

Q3. In the context of evolution of constitution of India, which of the following are parts of the basic structure of the constitution?

1. Republic and democratic form of government
2. Presidential form of government
3. Secular character of the constitution
4. Separation of powers

Select the correct answer using the code given below.

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

Q4. Consider the following statements with reference to the El Niño-Southern Oscillation (ENSO) cycle:

1. During El Nino, trade winds are weakened and warm water is pushed back to the west coast of the Americas.
2. El Nino causes an increase in rainfall over the eastern tropical Pacific Ocean.

Which of the statements given above is/are correct?

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

Q5. With reference to Somali jet stream, consider the following statements:

1. It is the low-level cross-equatorial flow of air.
2. It originates near Mauritius and the northern part of Madagascar.
3. Its strengthening gives rise to a strong monsoon over peninsular India.

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

Q6. Consider the following pairs:

| Front | Description |
|---------------|---|
| 1. Cold | Cold air moves towards the warm air mass |
| 2. Warm | Warm air mass moves towards the cold air mass |
| 3. Occluded | Cold front or warm front is moving at insignificant speed |
| 4. Stationary | Cold front meets and overtakes the warm front |

How many of the pairs given above are correctly matched?

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

Q7. Consider the following:

1. Rock Edicts II and XIII of Ashoka
2. Hathigumpha inscription of Kalinga
3. Junagadh inscription of Gujarat

How many of the above mention the kingdoms of the Sangam age?

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

Q8. The Vikram Samvat era was started in 58 BCE to:

- (a) commemorate the birth of Chandragupta II
- (b) mark the victory of king Vikramaditya over the Shakas
- (c) celebrate the foundation of the Gupta Empire
- (d) establish a new era for administrative structure of the Guptas

Q9. With reference to the Dhrupad, consider the following statements:

1. It is a form of Hindustani classical music that finds its mention in Natyashastra.
2. It is accompanied by the use of Tanpura and Pakhawaj.
3. The literature of Dhrupad contains praises of deities and patronizing kings.

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

Q10. Consider the following pairs:

| Theatre | State |
|--------------|---------------|
| 1. Bhavai | Uttar Pradesh |
| 2. Bhaona | Chhattisgarh |
| 3. Daskathia | Odisha |

How many of the pairs given above are correctly matched?

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

Q11. Consider the following statements with reference to National Financial Reporting Authority (NFRA):

1. It is a statutory body constituted under the Companies Act, 2013.
2. It monitors and enforces compliance with accounting and auditing standards for companies.
3. The Union Minister of Corporate Affairs is the ex-officio chairperson of NFRA.

How many of the above statements are correct?

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

Q12. Arrange the following states in ascending order of the foreign direct investment received for the year 2023-24:

1. Maharashtra
2. Gujarat
3. Karnataka

Select the correct answer using the code given below:

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

Q13. Casgevy and Lyfgenia are primarily used to cure which one of the following diseases?

- (a) Leptospirosis
- (b) Alzheimer's disease
- (c) Nephritis
- (d) Sickle Cell Disease

Q14. The term 'Casimir Effect' is related to:

- (a) Coriolis effect
- (b) Doppler effect
- (c) Optical illusion
- (d) Quantum effect

Q15. With reference to the payment banks in India, consider the following statements:

1. They can accept Recurring Deposits (RDs) and any non-resident Indian deposits.
2. They are required to maintain the Statutory Liquidity Ratio (SLR) as per RBI regulations.
3. They are mandated to maintain half of their total branches in unbanked rural areas.

Which of the statements given above is/are correct?

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

Q16. With reference to digital lending in India, consider the following statements:

1. All loan repayments must be executed only between the Regulated Entities (REs) and the borrowers' bank accounts.
2. An increase in the credit limit of the loan can be made by the RE without the explicit consent of the borrower.
3. First Loss Default Guarantee is allowed to compensate lenders if the borrower defaults.

Which of the statements given above is/are correct?

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

Q17. Consider the following statements with reference to the Prompt Corrective Action:

1. It is a mechanism of the Reserve Bank of India (RBI).
2. It does not extend to the Non-Banking Financial Companies (NBFCs).

3. It can be used to direct mandatory technological upgrades for banks.

Which of the statements given above is/are correct?

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

Q18. In the context of Modern Indian History during the first half of 1860s, consider the following statements:

Statement-I: During this time, there was a the surge in cotton production in India.

Statement-II: There was a disruption of cotton production in the United States due to the onset of the American Civil War.

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 explains Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II does not explain Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

Q19. Consider the following statements:

1. He was appointed as Diwan of Bengal under the Mughal emperor Aurangzeb.
2. After 1717, he became the independent Nawab of Bengal, although nominal allegiance to the Mughal emperor continued.
3. He is known for the introduction of the Mal Jasmani system in revenue administration.

Which of the following personality is described in the above statements?

- (a) Murshid Quli Khan
- (b) Saadat Khan
- (c) Kilich Khan
- (d) Ali Mohammad Khan

Q20. With reference to the 'Policy of Ring-Fence' of the British government in India, consider the following statements:

1. It was developed by Lord Wellesley to counter the French threat in India.
2. The States brought under the policy were assured of British military assistance against external aggression but at their own expense.

Which of the statements given above is/are correct?

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

Q21. Which one of the following Mughal rulers established the dah-bisti system in military administration?

- (a) Babur
- (b) Akbar
- (c) Shah Jahan
- (d) Aurangzeb

Q22. Consider the following statements with reference to Dahsala System in the Mughal Empire:

1. It was developed with the efforts of Raja Todar Mal.
2. It fixed the revenue on the average yield of land assessed in one year.
3. It had a provision for relief in the case of bad harvests.

Which of the statements given above is/are correct?

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

Q23. Consider the following statements:

Statement-I: Ground-based radars struggle to detect hypersonic missiles until late in their flight.
Statement-II: Hypersonic missiles follow a ballistic trajectory and fly at high altitudes.

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 explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q24. Which of the following are the advantages of Cobalt in Electric Vehicle (EV) batteries?

1. Contribution to higher energy density in lithium-ion batteries
2. Relatively cheaper and cost-effective
3. Stable voltage output throughout their lifespan

Select the correct answer using the code given below:

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

Q25. Which one of the following is the primary objective of the PM E-DRIVE scheme?

- (a) To establish government-owned Electric Vehicles (EVs) production units
- (b) To expedite the adoption of EVs by providing incentives for their purchase
- (c) To promote research and development in the manufacturing of the batteries in EVs
- (d) To provide tax exemptions for EVs manufacturers

Q26. Consider the following pairs:

| Process in Decomposition | Description |
|--------------------------|---|
| 1. Fragmentation | Breakdown of detritus into smaller particles |
| 2. Humification | Degradation of detritus into simpler inorganic substances |
| 3. Mineralisation | Water soluble inorganic nutrients go down into the soil horizon |

How many of the above pairs are correctly matched?

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

Q27. The pattern of more number of species at the equator with numbers reducing towards poles refers to:

- (a) Ecological succession
- (b) Trophic level
- (c) Speciesism
- (d) Latitudinal Diversity Gradient

Q28. Consider the following:

- 1. Deforestation
- 2. Illegal sand mining
- 3. Polluting rivers with untreated sewage
- 4. Infrastructure projects that destroy fragile marine life

How many of the above events may lead to Ecocide?

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

Q29. Consider the following pairs:

| Feature | Borrowed from |
|--|-------------------------|
| 1. Directive principles : | Irish Constitution |
| 2. Fundamental rights : | French Constitution |
| 3. Joint sitting of two houses of parliament : | Australian Constitution |

Which of the pairs given above is/are correctly matched?

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

Q30. Which of the following Directive Principles of State Policy (DPSPs) were not added by the 42nd Constitutional Amendment Act, 1976?

- 1. To provide early childhood care and education for all children until they complete the age of six years.
- 2. To take steps to secure the participation of workers in the management of industries.
- 3. To minimise inequalities in income, status, facilities, and opportunities.

Select the correct answer using the code given below.

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

Q31. Consider the following statements regarding the Government of India Act of 1935:

- 1. It provided for the establishment of an All-India Federation consisting of provinces and princely states as units.
 - 2. It introduced bicameralism in all the provinces.
- Which of the statements given above is/are correct?

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

Q32. Consider the following statements:

1. Land breeze occurs when high pressure over the land causes air to move from land to sea.
2. Sea breeze forms during the day when air moves from the high-pressure area over the sea to the low-pressure area over the land.

Which of the statements given above is/are correct?

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

Q33. Consider the following statements:

Statement-I: At the same latitude, continents receive more insolation compared to oceans.

Statement-II: Clouds over oceans reflect a significant portion of sunlight back into space.

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 explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q34. Which one of the following best explains the mechanism responsible for the formation of geostrophic winds?

- (a) The interplay of frictional force and gravitational force under near-surface atmospheric conditions
- (b) A dynamic equilibrium between the pressure gradient force and the Coriolis force in the absence of surface friction
- (c) The direct influence of gravitational force and pressure gradient force on upper-level winds
- (d) The combined effect of pressure gradient force, Coriolis force and surface friction on atmospheric circulation

Q35. With reference to Samudragupta, consider the following statements:

1. He launched the Aryavarta campaign with an aim to conquer the kingdoms of northern India.
2. He acknowledged the autonomy of the kingdoms of Nepal, Kamarupa and Simhala.
3. He built the famous Nalanda University.

How many of the above statements are correct?

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

Q36. In the context of the Gupta period, the terms Udranga and Sulka were associated with:

- (a) female deities
- (b) pastures
- (c) taxes
- (d) rest houses

Q37. With reference to 'Ellora Caves', consider the following statements:

1. They are cut in the high and solid hills of Charnadari formation in the Weston Ghats.
2. The caves belonging to the Hindu and Buddhist faiths were predominantly constructed by Yadava dynasty.
3. A sculptural depiction of Vishnu's Varaha (Boar) incarnation can be found here.

Which of the statements given above is/are correct?

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

Q38. In the context of stupa architecture, what does the term 'Harmika' refer to?

- (a) A place of congregation and worship
- (b) A moulded roof-line
- (c) A sacred enclosure symbolizing spiritual containment
- (d) A balcony-like square structure at the top of the stupa

Q39. It is a part of the Cyclades archipelago in the Aegean Sea and designated as a UNESCO World Heritage Site. It is said to be "doomed to disappear" within decades due to rising sea levels and geological processes. This is the most likely description of:

- (a) Delos Island
- (b) Naxos Island
- (c) Santorini Island
- (d) Mykonos Island

Q40. GREAT scheme is sometimes seen in the news in the context of:

- (a) artificial intelligence
- (b) renewable energy
- (c) technical textiles
- (d) genetic engineering

Q41. Consider the following:

1. Absence of essential nutrients
2. Intensive agricultural practices along the coastal regions
3. Increase in level of atmospheric nitrogen
4. Rise in algal decay

How many of the above factors are responsible for the formation of dead zones in oceans?

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

Q42. Consider the following information:

| Military Exercise | Between India and | Held in |
|-------------------|----------------------------|----------|
| 1. Red Flag | United Arab Emirates (UAE) | Alaska |
| 2. Tarang Shakti | Sri Lanka | Colombo |
| 3. Tiger Triumph | United Kingdom | Canberra |
| 4. Shakti | France | Umroi |

In how many of the above rows is the given information correctly matched?

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

Q43. Consider the following statements with reference to the Marginal Standing Facility (MSF):

1. It is an overnight liquidity support scheme to provide funds to the commercial banks.
2. It is given at a higher interest rate over the repo rate.
3. It cannot be used by a bank if it doesn't have the required eligible securities above the Statutory Liquidity Ratio (SLR) limit.

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

Q44. Which of the following would lead to injection of liquidity in the economy?

1. Purchase of Treasury Bills by the RBI
 2. The sale of foreign exchange by the RBI
- Select the correct answer using the code given below:

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

Q45. Which of the following statements is/are correct regarding 'Digital Banking Units (DBUs)'?

1. They are set up by the Regional Rural Banks and Local Area Banks.
2. They can offer both cash withdrawal and deposit services.
3. They cannot undertake lending activities to the Micro, Small and Medium Enterprises.

Select the correct answer using the code given below:

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

Q46. With reference to the consequences of the Revolt of 1857, consider the following statements:

1. The administration of India was transferred from the East India Company to the British Crown.
2. British brought a new policy of perpetual support for “native princes”.
3. Indian soldiers were completely banned from holding any commissioned ranks in the British Indian Army.

Which of the statements given above is/are correct?

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

Q47. Examine these two statements:

Statement I: The annexation of Awadh by Lord Dalhousie in 1856 adversely affected the financial conditions of the sepoys.

Statement II: The sepoys had to pay higher taxes on the land where their family members stayed in Awadh.

Which of the options given below is correct based on the two statements given above?

- (a) Both the statements are individually true and Statement II explains Statement I.
- (b) Both the statements are individually true, but Statement II does not explain Statement I.
- (c) Statement I is true, but Statement II is false.
- (d) Statement I is false, but Statement II is true

Q48. Consider the following women leaders:

1. Sarojini Naidu
2. Kamaladevi Chattopadhyaya
3. Margaret Cousins
4. Pandita Ramabai Sarasvati

How many of the above were members of the All India Women’s Conference?

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

Q49. Shah Jahan gave the title of Mirza Raja to which one of the following personalities?

- (a) Raja Man Singh I
- (b) Jai Singh I
- (c) Jaswant Singh
- (d) Dara Shikoh

Q50. Consider the following pairs with reference to Mughal Empire:

| | Type of Land | Description |
|----|--------------|--|
| 1. | Polaj | Land left fallow to recover its strength |
| 2. | Chachar | Land under continuous cultivation |
| 3. | Banjar | Land kept fallow for five years or more |

How many of the above pairs are correctly matched?

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

Q51. Which of the following statements is/are correct regarding the Directed Energy Weapons (DEWs)?

1. They utilize focused electromagnetic energy.
2. Their penetration capabilities depend on their wavelengths.
3. They cause permanent destruction of electronic systems.

Select the correct answer using the code given below:

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

Q52. Which one of the following is the objective of BharatGen Programme?

- (a) It focuses on developing next-generation genome sequencing for precision medicine
- (b) It is aimed at making generative AI accessible to citizens in various Indian languages
- (c) It is a government initiative to promote indigenous semiconductor chip manufacturing
- (d) It aims to establish a nationwide blockchain network for secure digital transactions

Q53. With reference to 'Platform as a Service (PaaS)', consider the following statements:

1. It is based on a cloud computing model that allows access to resources on demand.
2. It requires developers to install on-site hardware and software to develop new applications.
3. Unlike the Infrastructure as a Service model, PaaS providers manage runtime, middleware and operating systems.

Which of the statements given above are correct?

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

Q54. Consider the following pairs:

| Type of Biotic | Interaction Example |
|-----------------|--------------------------------------|
| 1. Commensalism | Epiphytes and mango trees |
| 2. Amensalism | Black walnut trees and nearby plants |
| 3. Mutualism | Tapeworms and animals |

How many of the above pairs are correctly matched?

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

Q55. Consider the following statements:

Statement-I: Seagrass is considered to be an 'ecosystem engineer'.

Statement-II: Seagrass maintains water quality by trapping suspended particles in the water.

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 explains Statement-I
- (b) Both Statement-I and Statement-II are correct but Statement-II does not explain Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is incorrect

Q56. Consider the following statements with reference to the speciation:

1. Sympatric speciation occurs when species evolve from a single ancestral species.
2. Hybrid speciation occurs when divergent lineages with independent evolutionary histories interbreed.
3. In allopatric speciation, the different species breed despite physical barriers in the habitats.

Which of the statements given above is/are correct?

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

Q57. With reference to 'constitutional torts' in India, consider the following statements:

1. In India, there is no legislation, which governs the liability of the State for the torts committed by its servants.
2. A court of law can award monetary compensation to the victim in such cases.

Which of the statements given above is/are correct?

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

Q58. In the context of various political systems prevailing in the world, which of the following are the characteristics of a democracy?

1. In a democracy, the final decision-making power must rest with those elected by the people.
2. The ruling party in power must have a fair chance of losing in an election.
3. Each adult citizen must have one vote and each vote must have one value.
4. The Government is not limited by laws or regulations.

Select the correct answer using the code given below.

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

Q59. Consider the following provisions under the Directive Principles of State Policy as enshrined in the Indian Constitution:

1. Securing opportunities for the healthy development of children
2. Organising agriculture on modern and scientific lines
3. Prohibition of slaughter of cows
4. Promotion of Cooperative societies

Which of the directive principles given above are based on Liberal-Intellectual Principles?

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

Q60. Consider the following:

1. Highly developed cumulonimbus clouds
2. Strong currents of air ascending through clouds

3. Temperature below freezing level

4. High concentrations of supercooled liquid water

How many of the above are the favourable conditions for the formation of hailstorms?

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

Q61. Consider the following statements:

Statement-I: In the northern hemisphere, the longest day of the year normally occurs in the second half of the month of June.

Statement-II: In June, the Earth's South Pole is tilted away from the Sun.

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 explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q62. Which of the following factors largely determine the pattern of planetary winds?

1. Latitudinal variation of atmospheric heating
2. Emergence of pressure belts.
3. Rotation of the earth.

Select the correct answer using the code given below:

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

Q63. Consider the following pairs:

| Inscription | Associated with |
|-------------|---|
| 1. Bhitari | Victory of Chandragupta-II over Vanga countries |
| 2. Naneghat | Reign of Satavahanas |
| 3. Madhuben | Signature of Harsha |

How many of the above pairs are correctly matched?

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

Q64. Consider the following statements with reference to Mughal Architecture:

- 1. Tombs depicted the idea of an eternal paradise.
- 2. Sarais were temporary accommodation to foreign travellers.
- 3. Minars were used for the azaan or call to a prayer.

Which of the statements given above is/are correct?

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

Q65. Which of the following countries are the members of the International North-South Transport Corridor (INSTC)?

- 1. Oman
- 2. Ukraine
- 3. Syria
- 4. Myanmar
- 5. China

Select the correct answer using the code given below:

- (a) 1, 4 and 5 only
- (b) 2, 4 and 5 only

(c) 1, 2 and 3 only

(d) 1, 2, 3, 4 and 5

Q66. Which one of the following best describes the term "AI washing"?

- (a) Companies exaggerating their environmental friendliness to attract customers
- (b) Misleading advertisements about the operational capabilities of AI tools
- (c) The use of AI in enhancing the performance of electronic devices
- (d) Businesses falsely claim to have integrated advanced AI into their products

Q67. Consider the following statements: A celestial body can be declared a 'planet' if:

- 1. it orbits the Sun.
- 2. it is large enough for gravity to mold it into a round shape.
- 3. it has cleared away smaller objects around its orbit.

Select the correct answer using the code given below:

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

Q68. Consider the following statements with reference to the control of credit:

- 1. In India, the Reserve Bank of India (RBI) acts as the controller of credit.
- 2. Regulation of margin requirements and moral suasion can be undertaken to regulate the volume of credit to select sectors of the economy.

Which of the statements given above is/are correct?

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

Q69. Consider the following statements:

Statement-I: An increase in the velocity of money usually indicates an expansion of the economy.

Statement-II: When there is a high velocity of circulation of money, the same amount of money is used for multiple transactions.

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 explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q70. With reference to the Sree Narayana Guru Dharma Paripalana (SNDP) Movement, consider the following statements:

- 1. It aimed at the social and spiritual upliftment of the Ezhava community in Kerala.
- 2. It was started by E.V. Ramaswamy Naicker .
- 3. The magazine Udbodhana was published to propagate the ideology of the leaders of the movement.

Which of the statements given above is/are correct?

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

Q71. Consider the following pairs:

| Later Mughal Rulers | Important Events in their Reign |
|-----------------------|--|
| 1. Shah Alam II | First Battle of Panipat |
| 2. Akbar II | First invasion of Ahmad Shah Abdali into India |
| 3. Ahmad Shah Bahadur | Battle of Plassey |

How many of the pairs given above are correctly matched?

- (a) Only one
- (b) Only two

(c) All three

(d) None

Q72. Consider the following statements:

Statement-I: Silicon carbide is used as a substrate material for Light-Emitting Diodes (LEDs).

Statement-II: Excellent thermal conductivity of Silicon carbide enables efficient dissipation of heat generated by the LEDs.

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 explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

Q73. Consider the following statements with reference to the Li-Fi technology:

- 1. Unlike Wi-Fi, which uses radio waves, it uses visible light for communication.
- 2. It has applications in aircraft cabins and nuclear power plants without causing electromagnetic interference.

Which of the statements given above is/are correct?

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

Q74. Consider the following statements with reference to ecological communities:

- 1. Unlike major communities, the minor communities are generally independent.
- 2. While tropical evergreen forests in North- East India are major communities, a mat of lichen on a cow dung pad is an example of a minor community.

Which of the statements given above is/are correct?

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

Q75. Consider the following pairs:

| Type of ecosystem service | Example |
|---------------------------|------------------|
| 1. Provisioning | Drinking water |
| 2. Regulating | Decomposition |
| 3. Cultural | Pollination |
| 4. Supporting | Nutrient cycling |

How many of the above pairs are correctly matched?

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

Q76. India was a pioneer when it comes to giving voting rights to the people.

In this context, which of the following countries gave universal adult franchises after India?

- 1. United States of America
- 2. Japan
- 3. France

Select the correct answer using the code given below.

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

Q77. Consider the following statements with respect to Constituent Assembly:

- 1. Whenever the Constituent Assembly met as the legislative body, it was chaired by Dr. Rajendra Prasad.
- 2. The Constituent Assembly adopted the national anthem and the national song in 1947. Which of the statements given above is/are correct?

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

Q78. Consider the following statements regarding National Commission for Scheduled Tribes (NCST):

1. The conditions of service and tenure of office of members of the commission are determined by the Parliament.

2. The original constitution did not provide for a separate National Commission for Scheduled Tribes.

Which of the statements given above is/are correct?

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

Q79. With reference to the heat budget of the earth, consider the following statements:

- 1. It is the balance maintained between incoming shortwave radiation and outgoing longwave radiation.
- 2. More than 50% of the insolation is reflected back due to interactions with the top layer of clouds.

Which of the statements given above is/are correct?

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

Q80. Consider the following statements with reference to the difference between tropical cyclone and extra tropical cyclone:

- 1. Unlike tropical cyclones, extra tropical cyclones have a clear frontal system.
- 2. The extra tropical cyclones can originate over the land and sea whereas the tropical cyclones originate only over the seas.
- 3. The extra tropical cyclones move from west to east whereas tropical cyclones move from east to west.

Which of the statements given above is/are correct?

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

Q81. With reference to 'air mass', consider the following statements:

1. It extends from ground level to the upper layers of the atmosphere.
2. It forms over both land and water.
3. It does not occur over the Antarctic region.

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

Q82. Consider the following:

1. Bamboo
2. Kendu leaves
3. Canes
4. Honey
5. Pulpwood

How many of the above are classified as Minor Forest Produce (MFP) under the Forest Rights Act (FRA), 2006?

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

Q83. Consider the following pairs:

| City in the UNESCO Creative Cities Network (UCCN) | UNESCO Creative Cities Network category |
|---|---|
| 1. Varanasi | Music |
| 2. Srinagar | Crafts and folk arts |
| 3. Kozhikode | Literature |
| 4. Hyderabad | Gastronomy |

How many of the pairs given above are correctly matched?

- (a) Only one pair
- (b) Only two pairs

- (c) Only three pairs
- (d) All four pairs

Q84. 'Project Nexus', recently seen in the news, is associated with:

- (a) enhancement of cross-border payments
- (b) development of border haats
- (c) improvement of road connectivity
- (d) promotion of medical tourism

Q85. In the context of the money supply in the economy, consider the following:

1. Deposits of the Government of the India with RBI
2. Deposits of the country's banking system with RBI
3. Balances in the accounts of foreign Central banks
4. Deposits of multilateral institutions

How many of the above are included in the 'Other Deposits' of the Reserve Bank of India?

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

Q86. Consider the following statements with reference to the Urban Co-operative Banks (UCBs):

1. They operate in urban & semi-urban areas.
2. All the UCBs are under the direct supervision of the Reserve Bank of India (RBI).
3. The Supervisory Action Framework (SAF) seeks to ensure expeditious resolution of financial stress faced by the UCBs.

Which of the statements given above is/are correct?

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

Q87. Adhai din ka Jhonpra is the second oldest completed mosque in North India, after the Quwwat ul Islam Mosque in Delhi. It is an example of early Indo-Islamic architecture. Who among the following is associated with the commissioning of Adhai din ka Jhonpra?

- (a) Qutabuddin Aibak
- (b) Balban
- (c) Allaudin Khilji
- (d) Mohammad Bin Tuglaq

Q88. In the context of Indian history, Sir Colin Campbell, John Nicholson and Colonel Neill were associated with which of the following?

- (a) Founding of the Indian National Congress
- (b) Framing of the Indian Penal Code
- (c) Suppression of the Revolt of 1857
- (d) Signing of the Treaty of Yandaboo

Q89. You receive an email containing a QR code, instructing you to scan it to verify your account information and prevent suspension. After scanning the code with your smartphone, you are redirected to a webpage that closely resembles your bank's login portal. Trusting its authenticity, you enter your banking credentials, only to realize later that you have been deceived by a cyberattack. Which type of cyber-attack is this?

- (a) Ransomware
- (b) Quishing
- (c) Man-in-the-middle
- (d) Spyware

Q90. Consider the following pairs:

| Dark Pattern | Description |
|----------------------|---|
| 1. Basket Sneaking | Users face an overload of requests and information |
| 2. Bait and Switch | Deceptively advertising one outcome and delivering another |
| 3. Subscription Trap | Forcing users into buying unrelated goods or services |
| 4. Confirm Shaming | Creating a sense of fear or guilt to influence user actions |

How many of the pairs given above are correctly matched?

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

Q91. In the context of Earth's climate system, which one of the following is not part of the cryosphere?

- (a) Ice clouds
- (b) Permafrost
- (c) Icebergs
- (d) Seasonally frozen ground

Q92. Consider the following statements with reference to desert plants:

1. They lose very little water through transpiration.
2. They have fleshy leaves, thick and waxy skin.
3. Photosynthesis in these plants is usually carried out by the stems.

How many of the statements given above are correct?

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

Q93. Which one of the following designates a bank as Domestic Systemically Important Bank (D-SIB) in India?

- (a) Ministry of Finance
- (b) Reserve Bank of India
- (c) Indian Banks' Association
- (d) Securities and Exchange Board of India

Q94. Which of the following rights are a part of the Right to Protection of Life and Personal Liberty?

1. Right not to be driven out of a state
2. Right to travel abroad
3. Freedom of silence
4. Right to the road in hilly areas

Select the correct answer using the code given below.

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

Q95. Which one of the following statements is correct about the Right to Education?

- (a) It was added after the passage of the Right to Education (RTE) act.
- (b) There was no provision in the constitution for free and compulsory education for children before the 86th amendment.
- (c) It includes that the state shall endeavor to provide education for all children until they complete the age of six years.
- (d) This provision makes only elementary education and not higher education a fundamental right.

Q96. With reference to the Polar jet stream, consider the following statements:

- 1. It is a fast-moving belt of westerly winds that traverses the upper troposphere.
- 2. It is associated with the boundary between higher latitude cold and lower latitude warm air masses.
- 3. In the northern hemisphere, it moves towards the equator in summer and towards the poles in winter.

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

Q97. "The temperature is uniformly high and the annual range of temperature is negligible. A significant amount of rainfall occurs every month of the year as thunderstorms in the afternoon. The maximum temperature on any day is around 30°C while the minimum temperature is around 20°C".

This is the most likely description of:

- (a) Tropical monsoon climate
- (b) Tropical Wet Climate
- (c) Humid Subtropical Climate
- (d) Mediterranean Climate

Q98. Consider the following statements regarding the Indian Ocean Dipole (IOD):

- 1. It is the difference in sea surface temperature between the western Indian Ocean and the eastern Indian Ocean.
- 2. A positive phase of IOD leads to increased rainfall along the African coastline and the Indian subcontinent.

Which of the statements given above is/are correct?

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

Q99. Consider the following statements:

- 1. The Bharatiya Nagarik Suraksha Sanhita, 2023 clearly defines 'terrorism' as acts threatening the country's unity, integrity or economic security.
- 2. The Bharatiya Sakshya Adhinyam, 2023 provides for community service as punishment for petty offences.

Which of the statements given above is/are correct?

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

Q100. Consider the following statements with reference to the Stablecoins:

- 1. They are cryptocurrencies that attempt to peg their market value to an external reference.
- 2. They provide an alternative to the high volatility of popular cryptocurrencies.
- 3. They pursue price stability by maintaining reserve assets as collateral.

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