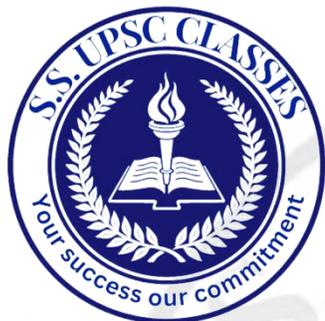
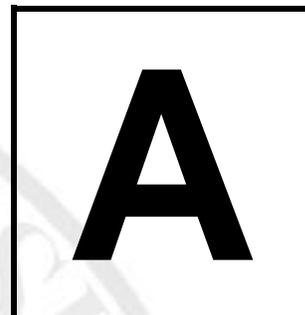

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SSUPSC0034

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.

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Q 1. Rise in the price of a commodity means
(a) rise in the value of currency only
(b) fall in the value of currency only
(c) rise in the value of commodity only
(d) fall in the value of currency and rise in the value of commodity

Q 2. Consider the following:

1. Carbon tax
2. Tobacco tax
3. Fuel cess

How many of the above are examples of Pigouvian tax?

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

Q 3. Consider the following statements regarding the duration of the panchayats:

1. Panchayat at every level is provided with a five-year term of office.
2. A fresh election should be conducted every time a panchayat is prematurely dissolved.
3. A panchayat reconstituted after premature dissolution does not enjoy the full period of five years.

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

Q 4. Consider the following:

Assertion (A): The President of India is an integral part of the Parliament.

Reason (R): A bill passed by both Houses of Parliament cannot become law without the President's assent.

In the context of the statements above, which of these is true?

- (a) A and R both are true, and R is the correct explanation for A

(b) A and R both are true, and R is the NOT the correct explanation for A

(c) A is correct, R is incorrect

(d) A is incorrect, R is correct

Q 5. Consider the following statements regarding Initiative on Critical and Emerging Technologies (iCET):

1. The initiative has been launched by India and Russia to expand strategic partnership between the two nations.

2. It is led by the Indian National Security Council Secretariat. 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

Q 6. Which one of the following statements is not correct with reference to the transformation of the society from Rig Vedic to Later Vedic period?

- (a) The role of popular assemblies lost importance and royal power increased at their cost.
- (b) Farming replaced pastoralism as the chief means of subsistence.
- (c) Women were generally grouped with the shudras.
- (d) The royal authority gave primary importance to the jana (tribe) over the rashtra (territory).

Q 7. Which of the following statements are correct with reference to "The Dancing Girl" Sculpture of the Indus Valley Civilisation?

1. It was excavated from Mohenjodaro.
2. It was made using the 'lost wax method'.
3. It has unnaturally long arms which is a common feature of the artefacts of this time. 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

Q 8. Consider the following information: Culture Present day State Known for

1. Ahar Rajasthan Rich copper deposits
2. Kayatha Madhya Pradesh Chocolate slipped ware

3. Jorwe Karnataka Practise of dry farming
In how many of the above rows is the given information correctly matched?

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

Q 9. In the context of the religious developments of medieval India, the ulamas were:

- (a) scholars and jurists who interpreted religious texts and advised rulers
- (b) sufi saints who spread Islam through devotional practices
- (c) military leaders who defended Islamic territories
- (d) traders who helped in the expansion of Islam through commerce

Q 10. Consider the following statements with reference to the Kadamba dynasty:

1. It was founded by Chandradeva at Varanasi.
2. It was associated with the construction of the famous Sun temple at Konark.

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

Q 11. Consider the following: "A king cannot survive without soldiers. And soldiers cannot live without salaries. Salaries come from the revenue collected from peasants. But peasants can pay revenue only when they are prosperous and happy. This happens when the king promotes justice and honest governance".

The above narrative emphasising the 'circle of justice' was written by which one of the following historians of medieval India?

- (a) Ziauddin Barani
- (b) Fakhr-i-Mudabbir
- (c) Al-Biruni
- (d) Ibn Battuta

Q 12. Which one of the following regional groups has recently acquired a 'legal personality' status and henceforth will be able to enter into structured diplomatic dialogue with other groupings and countries?

- (a) South Asian Association for Regional Cooperation (SAARC)
- (b) BRICS
- (c) Shanghai Cooperation Organisation (SCO)
- (d) Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC)

Q 13. With reference to the Kanwar lake, consider the following statements:

1. It is Asia's largest freshwater oxbow lake.
2. It is formed due to the meandering of the Kosi river.
3. It is the only wetland in Bihar under the Ramsar Convention.

Which of the statements given above is/are correct?

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

Q 14. "PRAGATI- 2024", recently seen in the news, aims to:

- (a) promote traditional dance and music forms in India
- (b) explore research opportunities in the Ayurveda drug industry
- (c) develop new agricultural techniques for sustainable farming

(d) enhance digital literacy among rural populations

Q 15. Consider the following statements with reference to East India Association:

1. It was established by Surendranath Banerjee in London.
2. It sent petitions to the British Parliament to establish a separate legislature for governance in India. 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

Q 16. Consider the following pairs:

Organisation	Contribution
1. Landholders' Society	Used constitutional methods to address the grievances of landlords
2. British Indian Association	Demanded abolition of salt duty
3. Indian League	Protested against the re- newal of charter of East India Company

How many of the above pairs are correctly matched?

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

Q 17. With reference to the Indian National Association, consider the following statements:

1. Ananda Mohan Bose was one among its key founding members.
2. It helped in organising an all-India conference in Calcutta in 1883.
3. It demanded reduction of the age limit for candidates of the Indian Civil Service examination. Which of the statements given above is/are correct?

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

Q 18. Arrange the following elements in increasing of their weight percentage in the earth's crust:

1. Oxygen
2. Silicon
3. Aluminium
4. Iron

Select the correct answer using the code given below.

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

Q 19. Arrange the following coasts of the western coastal plains from north to south.

1. Kathiawar coast
2. Konkan coast
3. Kachchh coast
4. Malabar coast

Select the correct answer using the code given below.

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

Q 20. Consider the following statements regarding Savanna type climate:

1. This type of climate is best developed in Sudan.
2. It is characterized by extreme diurnal range of temperature.

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

Q 21. In the context of religious development in ancient India, Bisapantha, Terapantha and Mula Sangha were:

- (a) schools of Vedanta
- (b) sects of Shaivism
- (c) sub-sects of Jainism
- (d) branches of Ajivika sect

Q 22. Which of the following statements regarding medieval Indian literature is/are correct?

1. Babur authored his autobiography Baburnama in the Turkish language.
2. Shahnama, composed by Firdausi, chronicles the triumphs of Ghiyasuddin Tughlaq.
3. In Humayunnama, Gulbadan Begum provides insights into the role of women as political intermediaries.

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

Q 23. Which characteristic feature defines Mughal paintings during Jahangir's reign?

- (a) Depicting the scenes of court life than the life of the masses
- (b) Encouraged the artists to draw and sketch using a pencil
- (c) Used formalist style with broad and decorated margins
- (d) Encouraged the use of calligraphy in the paintings

Q 24. With reference to the Bt Cotton, consider the following statements:

1. It has been genetically modified by the insertion of genes from *Bacillus thuringiensis*.
2. Bollgard I generates a toxin known as Cry 1Ac which is effective against tobacco budworm.
3. Pink bollworms have developed resistance to BT cotton.

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

Q 25. Arrange the following in increasing order based on the speed of sound through them:

1. Gases
2. Liquids
3. Solids
4. Vacuum

Select the correct answer using the code given below:

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

Q 26. Which of the following marine animals use a "baby talk" style of communication when interacting with their young ones?

- (a) Dolphins
- (b) Seals
- (c) Seahorses
- (d) Sharks

Q 27. 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

Q 28. 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

Q 29. 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

Q 30. Consider the following statements regarding the Goods and Services Tax (GST) Council:

1. The Union Minister of State in charge of Revenue serves as the ex-officio Vice-Chairman of the council.
2. It is responsible for recommending the date on which Goods and Services Tax (GST) shall be levied on aviation turbine fuel.
3. It shall establish a mechanism to adjudicate any dispute between two or more states arising out of the recommendations of the council.

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

Q 31. Which of the following factors can lead to demand-pull inflation in an economy?

1. Surge in government capital expenditure and welfare spending.
2. Increase in policy interest rates by the central bank.
3. Rapid rise in wages and employment levels in the economy.
4. Hike in Corporate tax.

Select the correct answer using the code given below.

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

Q 32. Consider the following countries:

1. Egypt
2. Saudi Arabia
3. Yemen
4. Oman
5. Ethiopia

How many of the above countries share a land border with the Red Sea?

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

Q 33. Consider the following statements:

Statement-I: Value Added Tax (VAT) eliminates cascading by providing for set off for taxes paid on inputs and only taxing value addition.

Statement-II: The Value Added Tax is a single point tax on sale of the product. Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for

Statement-I.

(b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I.

(c) Statement-I is correct but Statement-II is incorrect.

(d) Statement-I is incorrect but Statement-II is correct.

Q 34. According to the constitution of India, the expression 'district judge' includes which of the following judges?

1. Additional district judge
2. Joint district judge
3. Chief judge of a small cause court
4. Chief presidency magistrate
5. Sessions judge

Select the correct answer using the code given below.

- (a) 1, 2, 4 and 5 only
(b) 3 and 4 only
(c) 1, 2 and 5 only
(d) 1, 2, 3, 4 and 5

Q 35. Consider the following statements with reference to Gram Nyayalayas:

1. Gram Nyayalayas can try criminal cases where the alleged offense attracts a maximum punishment of 3 years.
2. Gram Nyayalayas are strictly bound by the rules of evidence provided in the Indian Evidence Act, 1872.

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

Q 36. With reference to the Governor of a State, consider the following statements:

1. He is entitled to such emoluments, allowances and privileges as may be determined by the President.

2. When he is the governor of two or more states, the emoluments and allowances are shared by the states in such proportion as determined by the Parliament.

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

Q 37. Which of the following statements is/are correct with reference to the vedic religion?

1. They worshipped mostly natural forces.
2. There were no female deities.
3. Religion stressed direct communication with the gods through sacrifices.

Select the correct answer using the code given below:

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

Q 38. Consider the following materials:

1. Steatite
2. Silver
3. Faience
4. Calcite

How many of the above were used to make seals during the Indus Valley Civilisation?

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

Q 39. In the context of medieval history of India, the 'Chehra' and 'Dagh System' were associated with:

- (a) land revenue assessment and taxation
(b) identification and branding of imperial cavalry
(c) classification of caste and social hierarchy
(d) regulation of trade and market prices

Q 40. Consider the following:

1. Tobacco farming
2. Paper-making
3. Spinning wheel (charkha) in the textile factory

How many of the above developments were introduced in India during the period of Delhi Sultanate?

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

Q 41. Consider the following pairs:

Port	Country
1. Kankesanthurai	Sri Lanka
2. Odessa	Ukraine
3. Haifa	Saudi Arabia
4. Dammam	Israel

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

Q 42. The Keeling Curve, sometimes seen in the news, is associated with estimation of:

- (a) ongoing changes in the concentration of carbon dioxide in Earth's atmosphere
- (b) drying up of wetlands in the African countries
- (c) melting of glaciers due to climate change
- (d) rising forest fires in the Amazon rainforest

Q 43. Liquid nitrogen has applications in which of the following?

1. Cryotherapy for treating abnormal tissues
2. Giving a smokey effect to foods
3. Preservation of biological samples

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

Q 44. Consider the following statements with reference to the Shaksgam Valley:

1. It borders Xinjiang Province of China to the north and Siachen Glacier region to the east.
2. The Shyok river flows through the Shaksgam valley region.

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

Q 45. The Bombay Presidency Association was started by which one of the following personalities?

- (a) Dadabhai Naoroji and Dinshaw Edulji Wacha
- (b) Bhagat Singh and Sukhdev Thapar
- (c) Jogesh Chandra Chatterjee and Sachin Sanyal
- (d) Badruddin Tyabji and Pherozeshah Mehta

Q 46. Which of the following factors led to the growth of nationalism in India during the second half of the 19th century?

1. Growth in the circulation of vernacular newspapers
2. Spread of English as a medium of language
3. Historical research by scholars like R.G. Bhandarkar and R.L. Mitra
4. National liberation movements in Italy and Greece

Select the correct answer using the code given below:

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

Q 47. Consider the following pairs:

Movement	Objective
1. Wahabi	Revive original form of Islam
2. Faraizi	Organise peasants to rise against oppression of the zamindars
3. Ahmadiyya	Spread western liberal education among Indian Muslims

How many of the above pairs are correctly matched?

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

Q 48. Consider the following term 'expunction', which is used in the day-to-day working of the parliament in India:

1. It is the removal of certain words, sentences, or portions of a speech from the records of Parliament.
2. The Presiding Officer of the House has the discretion to expunge the word or usage.
3. Rules of Procedure and Conduct of Business in Parliament provide for 'expunction'.

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

Q 49. Consider the following statements regarding the earth's crust:

1. Oceanic crust is thicker when compared to continental crust.
 2. Oceanic crust is made up of basaltic rock.
- 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

Q 50. Which of the following volcanoes is known as the 'Lighthouse of the Mediterranean'?

- (a) Mt. Chimborazo
- (b) Mt. Stromboli
- (c) Mt. Fuji
- (d) Mt. Vesuvius

Q 51. Consider the following statements with reference to the Lepakshi temple paintings:

1. They were developed during the rule of the Chola kings.
2. They show a complete absence of primary colours, especially blue.
3. They have a colossal depiction of Virabhadra painted on the ceiling of the mandapa.

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

Q 52. Which of the following best describes the phenomenon of "Cryptobiosis", recently seen in the news?

- (a) A survival mechanism where an organism enters an extremely dormant state to endure unfavorable environmental conditions
- (b) A unique process of genetic adaptation in deep-sea organisms
- (c) A biochemical reaction that enables certain microbes to produce energy without oxygen
- (d) A specialized form of symbiosis observed in extremophiles

Q 53. With reference to the 'Unified Genomic Chip,' consider the following statements:

1. It is designed to enable farmers to identify superior-quality cattle at an early stage.
2. It has been developed by the National Academy

of Agricultural Research Management (NAARM).
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

Q 54. Superbugs are a serious public health concern due to their resistance to antibiotics. Which of the following statements regarding superbugs is not correct?

- (a) They evolve due to the overuse and misuse of antibiotics in humans and livestock.
- (b) They can spread through direct contact, contaminated surfaces, and medical procedures.
- (c) Their development cannot be slowed down even by stopping the use of antibiotics.
- (d) They make treatments such as caesarean sections and cancer chemotherapy riskier.

Q 55. 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

Q 56. 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

Q 57. Consider the following:

- 1. Alpine forests
- 2. Coniferous forests
- 3. Broadleaved forests
- 4. Temperate rainforests
- 5. Tropical rainforests

Rhododendrons are found in how many of the above ecosystems?

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

Q 58. Consider the following statements about the Securities Transaction Tax (STT) in India:

- 1. It is a direct tax which is charged on the sale and purchase of securities in the stock exchange.
- 2. The revenue collected from it is shared between the Centre and the States.

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

Q 59. Consider the following statements about the National Institution for Transforming India (NITI Aayog):

- 1. The Chief Ministers of all the states in India are members of the Governing Council of NITI Aayog.
 - 2. Chairman of NITI Aayog is appointed by the Appointments Committee of the Union Cabinet.
 - 3. It has the authority of allocating funds for projects of the Government of India.
- Which of the statements given above is/are incorrect?

- (a) 3 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) None

Q 60. Consider the following statements:

- 1. The Election Commission of India is empowered

to determine the manner in which Lok Sabha seats are allotted to each state.

2. The 87th Amendment Act of 2003 provided for the delimitation of constituencies on the basis of the 1991 census.

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

Q 61. Consider the following statements:

1. Every minister shall have the right to speak and vote in any committee of the state legislature.
2. If any question arises whether a matter falls within the Governor's discretion or not, decision of the Governor shall be final.

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

Q 62. Which of the following functions are provided to the panchayats under the Eleventh Schedule of the Indian Constitution?

1. Agriculture including agricultural extension
2. Implementation of land reforms
3. Fisheries
4. Small-scale industries
5. Technical training and vocational education

Select the correct answer using the code given below.

- (a) 1, 3, and 4 only
- (b) 2, 4 and 5 only
- (c) 1, 2, 3 and 5 only
- (d) 1, 2, 3, 4 and 5

Q 63. Which of the following committees was appointed to give a report on state funding of elections?

- (a) Tankha Committee
- (b) Vohra Committee
- (c) J. S. Verma Committee
- (d) Indrajit Gupta Committee

Q 64. Consider the following statements with reference to the elections in India:

1. A person released on bail or has been in preventive detention can vote.
2. A person convicted and sentenced to imprisonment for not less than two years is disqualified from contesting elections to Parliament or State Legislatures.
3. The Election Commission of India (ECI) does not have the power to remove or reduce the period of disqualification of a candidate.

How many of the above statements are correct?

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

Q 65. Which one of the following designates the 'International days' celebrated worldwide?

- (a) United Nations Educational, Scientific and Cultural Organization (UNESCO)
- (b) United Nations General Assembly (UNGA)
- (c) United Nations Security Council (UNSC)
- (d) United Nations Economic and Social Council (ECOSOC)

Q 66. Consider the following pairs:

Lunar Mission	Country
1. Artemis	European Space Agency
2. Chang'e-6	China
3. SLIM	Japan

How many pairs given above are correctly matched?

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

Q 67. Consider the following statements:

1. The Supreme Court of India has reserved one-third of the seats for women in the executive committee of the bar association.
2. The representation of women judges in Indian courts has increased in the past 5 years.

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

Q 68. Which one of the following statements best describes the term 'goldene'?

- (a) A type of mineral on the coasts of Africa that contains gold deposits
- (b) An artificial element produced by synthesising gold
- (c) A lattice of gold that stands out for being flexible and exhibiting a high resistance
- (d) A free-standing sheet of gold that is only one atom thick

Q 69. In the context of the history of India, which one of the following statements best describes the 'Rakhi system'?

- (a) It was a tax imposed by the Mughal Empire on zamindars for land protection.
- (b) It offered protection to cultivators in exchange for a tax on the agricultural produce.
- (c) It was a revenue-sharing agreement between the Marathas and Rajputs.
- (d) It was a military protection system among the Deccan Sultanates.

Q 70. 'Ganimi kava', a form of guerrilla warfare tactics, was deployed by which one of the following dynasties in its military?

- (a) Mughals
- (b) Marathas

- (c) Rajputs
- (d) Wodiyar

Q 71. Consider the following statements with reference to the influence of climate on soil:

1. Soil in tundra regions has deeper profiles compared to soils in tropical regions.
2. Bacterial action in the soil is relatively slow in tundra regions as compared to tropical regions.

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

Q 72. Which of the following factors affect the temperature of a place?

1. Latitude
2. Altitude
3. Continentality
4. Ocean currents
5. Slope

Select the correct answer using the code given below.

- (a) 1, 2, 3 and 4 only
- (b) 3, 4 and 5 only
- (c) 1, 2 and 5 only
- (d) 1, 2, 3, 4 and 5

Q 73. With reference to the Bickerstaff Brainstem Encephalitis (BBE) and Guillain-Barré Syndrome (GBS), consider the following statements:

1. Both the conditions are post-infectious immune-mediated acute neurological illnesses.
2. Both the conditions predominantly affect the peripheral nervous system.

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

Q 74. Consider the following information:

Vector	Disease caused	Type of pathogen
1. Aedes	Chikungunya	Protozoa
2. Anopheles	Malaria	Virus
3. Culex	Japanese Encephalitis	Virus

In which of the above rows is the given information correctly matched?

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

Q 75. In the context of wearable technology, which of the following tasks can be accomplished by wearable biosensors?

1. Estimation of calorie consumption
2. Detection of dopamine in interstitial fluid
3. Detection of metabolites in tears

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

Q 76. The term 'White Biotechnology,' often mentioned in the media, primarily refers to:

- (a) Enhancing dairy products by adding essential minerals
- (b) Advancements in genome editing for medical applications
- (c) Utilizing microorganisms and enzymes for sustainable industrial production
- (d) Developing biodegradable plastics using biological processes

Q 77. Consider the following pairs:

Biome	Feature
1. Tundra	Devoid of trees except stunted shrubs

2. Tropical rainforest	Epiphytic plants are concentrated in the canopy or tree top zones
3. Savannah	Extremely sparse vegetation typically devoid of any flora

How many of the above pairs are correctly matched?

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

Q 78. Which one of the following statements is not correct with reference to the 'Soda lakes'?

- (a) They are highly acidic in nature.
- (b) They are mostly found within endorheic basins.
- (c) They have high levels of dissolved phosphate.
- (d) Lonar Lake in India is a soda lake.

Q 79. Consider the following:

1. High rates of unemployment
2. Decrease in purchasing power of money
3. Low levels of demand in the economy
4. Reduced income inequality

Which of the above may occur when an economy is experiencing stagflation?

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

Q 80. Consider the following statements regarding the North Atlantic Treaty Organization (NATO):

1. It was established by signing of the Washington Treaty.
2. Currently, all countries of the European Union are members of NATO.

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

Q 81. Consider the following statements regarding Aditya L-1 mission:

1. It is the first observatory-class spacebased solar mission from India.
2. The spacecraft will be placed in a halo orbit around the first Lagrange point, L1, of the Sun-Earth system.
3. It carries seven payloads to observe the photosphere, chromosphere, and the corona.

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

Q 82. Which of the following statements is not correct with respect to the Electoral Bond Scheme?

- (a) The electoral bonds can be issued in the denomination of ₹1,00,00,000.
- (b) The electoral bonds can be used for making donations to all registered political parties.
- (c) The information furnished by the doner is treated confidential.
- (d) Foreign companies can use electoral bond for making donations to political parties.

Q 83. Consider the following materials:

1. Compost
2. Mechanically treated waste
3. Dewatered sewage sludge
4. Yard waste

How many of the above can be used as biocover to control methane emissions?

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

Q 84. Consider the following statements with reference to Diffusion Transformer (DiT) AI Model:

1. Diffusion models have become the most preferred for AI that generates images.
 2. DiT is essentially a class of diffusion models that are based on the transformer architecture.
- 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

Q 85. Consider the following statements:

1. The power of the Jats reached its zenith under his reign.
2. He established political control over the territories of western Uttar Pradesh and Delhi.
3. He built the famous Lohagarh fort in Rajasthan.

Which one of the following personalities is described above?

- (a) Churaman Singh
- (b) Gokula
- (c) Suraj Mal
- (d) Badan Singh

Q 86. Which one of the following statements best explains the immediate result of the Battle of Buxar (1764)?

- (a) The British emerged as the ruling power in Bengal.
- (b) Mir Jafar was made the Nawab of Bengal by the British East India Company.
- (c) The British defeated the Marathas and expanded their empire in North India.
- (d) The Nawab of Awadh was permanently removed from power by the British.

Q 87. Which of the following are the possible factors behind earthquakes?

1. Mining activity
2. Volcanoes
3. Tectonic movements
4. Reservoir-induced seismicity

Select the correct answer using the code given below.

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

Q 88. Consider the following statements with respect to circuit breaker in the stock market:

1. It is an emergency-use regulatory measure that temporarily halts trading on an exchange.
2. It caps how much the value of a stock can fall in a single trading session.

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

Q 89. Consider the following statements regarding MicroLED:

1. They have brighter and better color reproduction than OLED.
2. The basis of microLED technology is sapphires which can shine on their own forever.

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

Q 90. Consider the following statements with reference to the corals:

1. They belong to the Cnidaria group of animals.
2. The hard corals are known as the 'reef building' corals.
3. They obtain their food from the zooxanthellae algae.

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

Q 91. Consider the following tree species:

1. Pine
2. Spruce
3. Fir
4. Poplar
5. Birch

How many of the above are found in the Boreal forests?

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

Q 92. Consider the following statements regarding a protected area:

1. It is located in North Eastern part of Telangana.
2. The reserve is nestled in the Sahyadri Mountain Ranges along the banks of Godavari.
3. Geographically, the reserve is under the Indo-Malayan region with tiger and leopard as important species.

Which of the following sanctuaries is best described by the statements given above?

- (a) Amrabad Tiger Reserve
- (b) Kawal Tiger Reserve
- (c) Tadoba Andhari Tiger Reserve
- (d) Nagarjunsagar-Srisailem Tiger Reserve

Q 93. Consider the following statements with regard to the Family Courts Act, of 1984:

1. It provides for the establishment of family courts by the State Governments in consultation with the High Courts.
2. No appeal shall lie to any court against the award of the Family Court.

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

Q 94. Consider the following statements regarding Ottanthullal:

1. It is an ancient martial art-form of Kerala famous for its harmonious synergy of art, science and medicine.
2. It is believed to have been developed in the forests by hunters observing the fighting techniques of animals.

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

Q 95. Consider the following statements:

Statement-I: If someone undergoes an Magnetic Resonance Imaging (MRI) scan with a credit card in their pocket, the magnetic strip on the card gets wiped off.

Statement-II: The magnetic strip on the credit card is attracted to a strong magnetic field in the MRI environment.

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

Q 96. Meson, Baryons and Gluons are sometimes seen in news in the context of:

- (a) Quarks
(b) Asteroid
(c) Electron

- (d) Nebulae

Q 97. With reference to El Nino, which of the following statements are correct?

1. It leads to an increase in the temperature of the water on the Peruvian coast.
2. It results in an increase in the number of plankton in the Eastern Pacific ocean.
3. It can delay the onset of southwest monsoons in India.

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

Q 98. Consider the following pairs:

Craft	State
1. Longpi pottery :	Sikkim
2. Dokra craft :	Chhattisgarh
3. Pattachitra :	Odisha

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

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

Q 99. Which of the following is/are essential reasons for the formation of major deserts of the world?

1. Presence of on-shore trade winds
2. Interior continental location
3. Rain-shadow position on the leeward side of mountains

Select the correct answer using the code given below.

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

(c) 2 and 3 only

(d) 1, 2 and 3

Q 100. The term 'Bard' recently seen in the news is associated with which of the following?

(a) Google's own conversational AI chatbot.

(b) 3-D printed drugs manufactured by Zydus Lifesciences Ltd.

(c) World's most powerful supercomputer.

(d) World's most advanced drone developed by Lockheed Martin.

