

ENTRANCE TEST -17TH FEBRUARY - 2024

GENERAL STUDIES (GS)

TEST BOOKLET - A

Time Allowed: 2:00 Hours

Maximum Marks: 300

General Instructions

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION. YOU SHOULD CHECK THAT THIS BOOKLET DOES NOT HAVE ANY UNPRINTED OR TURN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET

2. You have to enter your Roll Number on the Test Booklet in the Box provided alongside.

3. Fill the OMR Answer Sheet with details appropriately. Any mistake/omission/ mutilation will render it to be rejected. Any anomaly or torn OMR on receiving, you should immediately bring to the notice of the invigilator.

4. This Test Booklet contains 100 Questions. Every question comprises four responses (answer). Select the response which you want to mark on the Answer Sheet. In case if you feel that there is more than one correct response which you consider the best, or in any other case, choose ONLY ONE response for each question. Multiple entries will make it invalid.

5. You have to mark all your response (Darken) by ball point pen on the OMR Answer Sheet provided. See direction in the answer sheet.

6. All questions carry equal marks. Your total marks will depend only on the number of correct responses marked in the answer sheet. For every incorrect response $\frac{1}{3}^{\text{rd}}$ of the allotted marks will be deducted. However, in case of any answer to the question left blank, will not incur any penalty.

DO NOT OPEN THE TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

Q1. Which of the following rivers is/are transboundary rivers between India and Myanmar?

1. Kaladan
2. Teesta
3. Karnaphuli

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

Q2. Consider the following statements regarding 'Cabinet committees':

1. They are extra-constitutional in emergence.
2. Presently there are six cabinet committees in existence.
3. Cabinet Committee on Parliamentary Affairs is headed by the Prime Minister.

Which of the statements given above is/are correct?

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

Q3. Regarding MUDRA scheme, consider the following statements:

1. Shishu, Tarun and Kishor are 3 categories of loans with Kishor loans covering upto 10 lakh Rupees.
2. Both Scheduled Cooperative Banks and Regional Rural Banks(RRBs) are eligible to avail of refinance support from MUDRA.
3. Enterprises in the farm sector are also eligible for Mudra loans.

Which of the statements given above is/are correct?

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

Q4. Hemophilia is a rare genetic disorder in which blood doesn't clot normally because it lacks sufficient blood clotting proteins. In this context consider the following: A Women suffers from Haemophilia. Her husband does not carry any mutation related to Haemophilia. They have a son and a daughter. In this context, which one of the following statements is most probably correct?

- (a) Both children suffer from Haemophilia.
- (b) Son suffers from Haemophilia and Daughter does not suffer from it.
- (c) Daughter carry mutation related to Haemophilia and Son suffer from it.
- (d) Both Son and Daughter do not carry mutation related to Haemophilia.

Q5. Which of the following Directive Principles is based on the ideology of socialism?

- (a) To promote equal justice and to provide free legal aid to the poor.
- (b) To promote the educational and economic interests of SCs, STs, and other weaker sections of the society.
- (c) To provide early childhood care and education for all children.
- (d) To organise village panchayats and endow them with necessary powers.

Q6. Consider the following pairs:

Types of Inflation: Meaning

1. Skewflation : High inflation and low growth
2. Stagflation : Price rise of small group of commodities over a sustained period of time
3. Reflation : Deliberately brought by the government to increase demand to foster growth.

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

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

Q7. Consider the following statements regarding National Water Informatics Centre (NWIC):

- 1. It is under the Ministry of Environment, Forest and Climate Change.
- 2. It acts as a repository of nation-wide water resources data.
- 3. It is responsible for providing updated and reliable water data through India Water Resources Information System (India-WRIS).

Which of the statements given above is/are correct?

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

Q8. Consider the following statements with reference to heavy water and hard water:

- 1. Though molecular compositions of both heavy water and hard water are same, they differ in their mineral composition.
- 2. Heavy water is radioactive while hard water is not.

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

Q9. Which of the following is/are the defining features of the parliamentary form of Government in India?

- 1. Watertight separation of powers between executive, legislature and judiciary.
- 2. Executive being responsible to the legislature.
- 3. Division of powers between center and state.

Select the correct answer using the code given below.

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

Q10. With reference to the Ahrar movement, consider the following statements:

- 1. It was led by former leaders of the Khilafat movement.
- 2. It prohibited its members from taking part in electoral politics.

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

Q11. The present age of father is 3 years more than 3 times the age of his son. Three years hence, fathers age will be 10 more than twice the age of son. The fathers present age is?

- (a) 33
- (b) 37
- (c) 43.
- (d) 47

Q12. 25 men and 15 women can complete a piece of work in 12 days. All of them started working together and after working 8 days the women stopped working. 25 men completed the work in 6 days. How many days will it take for completing the entire work if only 15 women are on job?

- (a) 30
- (b) 49
- (c) 36
- (d) None of those.

Q13. The Rajah-Moonje Pact was related to

- (a) integration of the princely state of Travancore into the Indian Union.
- (b) the issue of reservation for the depressed classes.
- (c) the degree of autonomy enjoyed by tribal administrative units.
- (d) voluntary donation of land to poor families

Q14. With reference to National Housing Bank, consider the following statements:

- 1. It was set up under the RBI Act, 1934.
- 2. It gives low-interest loans for housing only to the urban poor.
- 3. The Central Government has 40% stake in the National Housing Bank and the rest is held by the RBI.

Which of the statements given above is/are correct?

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

Q15. With reference to restrictions on fundamental rights, consider the following statements:

- 1. Fundamental rights can be restricted while martial law is in force.
- 2. Both Parliament and the State legislature can restrict the right to form an association among state police officers.
- 3. Declaration of martial law automatically suspends the writ of habeas corpus.

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

Q16. With reference to the International Air Transport Association (IATA), consider the following statements:

- 1. It is a specialised agency under the United Nations.
- 2. Its primary objective is to promote Inter- airline cooperation in promoting safe and economical air services.
- 3. No airlines from India has joined the IATA as its member.

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. Constitutionalism is a philosophy of limited government. Which of the following features of the Indian Constitution enforce this philosophy?

- 1. Fundamental Rights
- 2. Directive Principles of state policy
- 3. Fundamental duties

Select the correct answer using the code given below.

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

Q18. Consider the following statements:

1. The Returning officer of a constituency is responsible for the conduct of the election in the constituency concerned.
2. Respective state governments designate an officer as returning officer for each of the constituency.

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

Q19. With reference to the Arthashastra, the saptanga theory is related to

- (a) state and administration
- (b) craft of making silk textile.
- (c) education system.
- (d) divine origin of the king.

Q20. Consider the following statements regarding the Shiwalik range:

1. It is the outermost range of the Himalayas with southern steep slopes.
2. The valley of the Tista river acts as a gap to the continuity of Shiwalik range.
3. The formation of Duns in the west and Duars in the east is an outcome of the Himalayan rivers cutting through the Shiwalik Range.

Which of the statements given above is/are correct?

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

Q21. Consider the following pairs:

Schedule Added by

1. 9th Schedule : 4th Amendment
2. 10th Schedule : 25th Amendment
3. 12th Schedule : 73rd Amendment

Which of the pairs given above is/are not correctly matched?

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

Q22. Consider the following statements regarding 'Voter Verifiable Paper Audit Trail' (VVPAT):

1. It provides a means to audit the stored results in case of disputes.
2. A copy of printed slip is handed over to voter for verification of vote casted by him.

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

Q23. With reference to Global Drylands Initiative, consider the following statements:

1. It aims to restore and sustainably manage dryland ecosystems.
2. It is an initiative by the International Union for Conservation of Nature.
3. It targets to achieve land degradation neutrality.

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

Q24. Consider the following statements about 'National emergency':

1. Enforcement of all fundamental rights are suspended during national emergency.
2. Any type of legislative and executive actions taken during the emergency cannot be challenged in courts.

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

Q25. Consider the following statements:

1. Platform services are channels that are provided by local cable operators and DTH operators, exclusively to their own viewers.
2. Platform services are outside the purview of Ministry of Information & Broadcasting.

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

Q26. The power to establish a common High court for two or more states is vested in

- (a) President of India
- (b) Parliament of India
- (c) Chief Justice of India
- (d) Supreme Court of India

Q27. Which of the following pairs are correctly matched?

- | Book | Author |
|--------------------|-------------------------------|
| 1. Rihla | : Al-beruni |
| 2. Kitab-ul-Hind | : Ibn Battuta |
| 3. Travels in the: | Francois Bernier Mogul Empire |

Select the correct answer using the code given below.

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

Q28. Which of the following components belong to Cryosphere?

1. Continental Ice sheets
2. Glaciers
3. Permafrost
4. Frozen Rivers

Select the correct answer using the code given below.

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

Q29. Consider the following statements with reference to the United Nations Conference on Trade and Development

(UNCTAD):

1. UNCTAD is the only global international organization that deals with the rules of trade between nations.
2. It supports the developing countries in fairly accessing the benefits of a globalized economy.
3. It helps the nations to adapt to climate change and use natural resources more effectively.

Which of the statements given above are correct?

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

Q30. Which of the following chemical compounds is/are used to neutralize the compound injected by an ant's sting?

1. Baking soda
2. Dilute solution of acetic acid
3. Zinc carbonate

Select the correct answer using 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 pairs:

- | Strait | Connecting Water bodies |
|--------------------------|---------------------------------|
| 1. Strait of Hormuz : | Gulf of Persia and Gulf of Aden |
| 2. Strait of Gibraltar : | Red Sea and Atlantic Ocean |
| 3. Strait of Malacca : | Andaman Sea and South China Sea |
| 4. Cook Strait : | Arctic Ocean and Pacific Ocean |

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

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

Q32. Which of the following statements is not correct regarding natural vegetation in India?

- (a) Shola forests are tropical montane forests found in the Western Ghats.
- (b) The largest forest cover in India is in the state of Arunachal Pradesh.
- (c) Casuarina is found along the Coastal regions of Tamil Nadu.
- (d) Deodar is a coniferous species of a tree.

Q33. Consider the following passage:

"It is a Ramsar Wetland Site. It harbours the single-largest stretch of the unique dry- evergreen forest in the country besides open grasslands and tidal mudflats. There is spot inside the sanctuary where the east coast takes a 90 degree turn from the Bay of Bengal towards Palk Strait. The sanctuary and the surrounding wetlands are important wintering grounds for water birds from the North."

Which of the following is being referred to in the above passage?

- (a) Pulicat Lake Bird Sanctuary
- (b) Nalsarovar Bird Sanctuary
- (c) Point Calimere Wildlife Sanctuary
- (d) Brahmagiri Wildlife Sanctuary

Q34. In the context of market discipline in economics, Liquidity Coverage Ratio is

- (a) a tool used by the central bank to reduce liquidity.
- (b) the ratio of a government's fiscal deficit to total revenue.
- (c) the ratio of total amount of cash in circulation to the net value of gold in an economy.
- (d) the stock of high-quality liquid assets that financial institutions can use to withstand liquidity crisis

Q35. Consider the following statements about administration during the Mughal rule:

- 1. Mir bakhshi was head of military department.
- 2. Pargana were provinces of mughal empire and these were administered directly by the Emperor.
- 3. Amin was official related to revenue.

Which of the statements given above is/are correct?

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

Q36. Which of the following has/have been provided under Provisions of the Panchayats (Extension to the Scheduled Areas) Act, 1996 (PESA)?

- 1. Gram Sabha shall be responsible for the identification of beneficiaries under the poverty alleviation and other programmes.
- 2. Gram Sabha shall be consulted before making the acquisition of land in the Scheduled Areas for development projects.

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

Q37. Consider the following functionaries:

- 1. Speaker of Lok Sabha
- 2. Vice-Chairperson, NITI Aayog
- 3. Attorney General of India
- 4. Judges of Supreme Court

Arrange the above given functionaries in the rank of their order of precedence.

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

Q38. Two dice are thrown simultaneously, what is the probability of getting an even number on one and a multiple of 3 on other?

- (a) $\frac{25}{36}$
- (b) $\frac{1}{6}$
- (c) $\frac{11}{36}$
- (d) $\frac{1}{36}$

Q39. The average price of 10 books is 12. While the average price of 8 books is Rs 11.75. Of the remaining two books one book is 60% more than price of the other, what is the price of each of these two books?

- (a) 10 and 8
- (b) 12 and 16
- (c) 10 and 16
- (d) 10 and 12

Q40. Which of the following is/are correct with reference to the Preamble to the Indian Constitution?

- 1. It states that the Constitution derives its authority from the people.
- 2. It stipulates 26th January 1950 as the date of adoption of the Constitution.
- 3. It aims to secure to all the citizens freedom of faith and worship.

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

Q41. Solar system's most famous storm, the 'Great Red Spot', is related to

- (a) Sun
- (b) Mars
- (c) Jupiter
- (d) Pluto

Q42. With reference to 'Gross Fixed Capital Formation', consider the following statements:

- 1. It refers to the gross increase in physical assets without accounting for disposals of fixed assets.
- 2. It is a component of expenditure approach to calculating GDP.

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

Q43. With reference to temple architecture in Kashmir region, consider the following statements:

- 1. The architecture in Kashmir had the influence of both Gandhara and Mathura tradition.
- 2. Both Hindu and Buddhist temples were constructed in the region.
- 3. Pandrethan is a famous hindu temple built in the region.

Which of the statement 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

Q44. Which of the following is/are correct with reference to the ordinance making power of the President?

1. The ordinance-making is not a discretionary power of the President and it can be invoked only on the advice of the council of ministers.
2. The President cannot promulgate an ordinance when either of the two Houses of Parliament is in session.
3. If an ordinance is allowed to lapse without being placed before Parliament, then the acts done under it, before it ceases to operate, remain fully valid.

Select the correct answer using the code given below.

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

Q45. With reference to Globally Important Agricultural Heritage Systems (GIAHS), consider the following statements:

1. GIAHS are outstanding landscapes of aesthetic beauty that combine agricultural biodiversity, resilient ecosystems, and valuable cultural heritage.
2. GIAHS sites are designated by the United Nations Environment Programme (UNEP).
3. Kuttanad Below Sea Level Farming System in the state of Kerala is one of such designated GIAHS sites in India.

Which of the statements given above is/are correct?

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

Q46. The Dawn Society was established by Satish Chandra Mukherjee in the backdrop of the

- (a) call for 'direct action' given by the Muslim League.
- (b) Report of the Indian Universities Commission.
- (c) announcement of annulment of the partition of Bengal.
- (d) hanging of Bhagat Singh, Sukhdev, and Rajguru

Q47. Consider the following statements with reference to the Asian Highway network:

1. It is a part of the Belt and Road Initiative led by China.
2. Its focus is on the development of Euro- Asia transport linkages and improving connectivity for landlocked countries.
3. India is not a part of the initiative. Which of the statements given above is/are correct?

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

Q48. Consider the characteristics given below:

1. Large capital investment
2. Scientific methods of cultivation
3. Overreliance on monsoons
4. Single crop specialization

Which of the characteristics given above are related to plantation agriculture?

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

Q49. Ashish bought goods for Rs.5000 & sold half of them at a gain of 5%. At what gain percent he must sell the remaining half of the goods to get a gain of 20% on the whole.

- (a) 45% (b) 30%
- (c) 35% (d) 25%

Q50. An amount of Rupees 6000 is divided into two parts. The simple interest on the first part for two years at 6% per annum is equal to simple interest on second part for 3 years at 8% per annum. How much is second part?

- (a) 1500 (b) 2000
- (c) 2500 (d) 1000

Q51. Consider the following statements:

1. The Bureau of Indian Standards (BIS) is the National Standards Body of India under the Ministry of Consumer Affairs, Food & Public Distribution.
2. International Electrotechnical Commission (IEC) is an international standard setting body that publishes international Standards for all electrical, electronic and related technologies.

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

Q52. A cistern has two taps which fill it in 12 min and 15 min respectively, and an exhaust. When all the three taps are opened together, it takes 20 min to fill an empty cistern. How long will the exhaust take to empty the tank?

- (a) 12 min
- (b) 15 min
- (c) 8 min
- (d) 10 min

Q53. Changthang Wildlife Sanctuary is located in –

- (a) Ladakh
- (b) Uttar Pradesh
- (c) Karnataka
- (d) Himachal Pradesh

Q54. 'Ambition on Melting Ice on Sea-level Rise and Mountain Water Resources' group was seen in the news recently. This group is associated with –

- (a) Establish scientific mechanism to deal with rising sea levels
- (b) Controlling ice and sea water in the water cycle.
- (c) Increasing plastic wastes in the sea.
- (d) Cryosphere loss

Q55. Mohan speaks truth in 40 % cases and Sohan speaks truth in 60 % cases what is the probability that they contradicts each other?

- (a) 75% (b) 25%
- (c) 52% (d) 48%

Q56. With reference to the Global Climate Observing System (GCOS), consider the following statements:

1. It is a co-sponsored programme which regularly assesses the status of global climate observations and produces guidance for its improvement.
2. It an initiative of World Bank.

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

Q57. Which one of the following statements correctly explains Yotta D1?

- (a) It is the biggest communication satellite launched by the ISRO.
- (b) It is a new supercomputer developed by the Centre for Development of Advanced Computing (C-DAC).
- (c) It is the name of the new technology being used in strengthening 5G internet.
- (d) It is north India's first hyperscale data centre situated in the Uttar Pradesh.

Q58. With reference to Black Corals consider the following statements:

- 1. They are known as deep-sea corals.
- 2. They do not require light for their growth.
- 3. Black corals do not have symbiotic algae associated with them.

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

Q59. A sphere of diameter 14cm is dropped into cylinder of radius 10.5 cm containing water. What is the rise in water level if the sphere is completely submerged and no water flows out

- (a) 3.15 cm
- (b) 4.15 cm
- (c) 5.15 cm
- (d) 6.15 cm

Q60. Consider the following statements about GSLV MkIII:

- 1. It is composed of two solid strap on motors, a core liquid booster and an upper cryogenic stage.
- 2. It can carry up to 4000kg of satellites into Geosynchronous Transfer Orbit (GTO).

Which of the above statements is/are correct?

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

Q61. Which of the following biosphere reserves of India are part of UNESCO's List of Man & Biosphere Reserves Program?

- 1. Agasthyamalai biosphere reserve
- 2. Achanakamar – Amarkantak biosphere reserve
- 3. Manas biosphere reserve
- 4. Dibru-Saikhowa biosphere reserve
- 5. Panna biosphere reserve

Choose the correct answer using the code given below:

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

Q62. The salaries of A, B, C are in the ratio 2 : 3 : 5. If the increments of 15%, 10% and 20% are allowed respectively in their salaries, then what will be the new ratio of their salaries ?

- (a) 3 : 3 : 1
- (b) 10 : 11 : 20
- (c) 23 : 33 : 60
- (d) Cannot be determined

Q63. Consider the following statements regarding "Tribes in India":

1. The Seventh Schedule of the Constitution lays out provision for Administration and Control of Scheduled Areas and Scheduled Tribes.
2. The President can specify the tribes or tribal communities as 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

Q64. Which of the following statements form the India's "Panchamrita" on Climate Change?

1. India will increase its non-fossil energy capacity to 1000 gigawatts by 2030.
2. India will meet 40 per cent of its energy requirements, with renewable energy, by 2030.
3. India will reduce carbon emission by one billion tonnes by 2030.
4. India will reduce its carbon intensity by 45 per cent by 2030.
5. India will achieve net zero emissions by 2070.

Select the correct Statement(s) using the code given below.

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

Q65. Which of the following best describes the term 'Bluebugging'?

- (a) Blooming of blue-green algae in seas
- (b) Hacking via Bluetooth connections
- (c) Usage of antimicrobial resistant superbugs as biological weapons
- (d) None of the above

Q66. Which of the following statements is/are correct?

1. Coronal Holes are regions on the sun's surface from where fast solar wind gushes out into space.
2. Coronal Holes once formed, cannot be removed from the space, making them a permanent formation.

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

Q67. With reference to the Pirarucu, consider the following statements:

1. It is found primarily in floodplain lakes across the Amazon basin.
2. It is one of the few fish species in the world that surfaces to breathe.

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

Q68. The term 'moran risk premium' in news is related to

- (a) The total amount of investments Asian countries received from the World Bank in the last decade.
- (b) The Increased interest rates in Britain.
- (c) Extra charges collected by OPEC countries from Asian countries when selling oil in comparison to Western Countries.
- (d) Charges by Insurance providers on the movement of merchant ships in piracy prone areas.

Q69. Regarding the Rare Earth Minerals, consider the following statements:

- 1. They consist of a set of seventeen radioactive elements.
- 2. India has about 6% of the world's rare earth reserves.

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

Q70. Which of the following statements is/are correct?

- 1. Silver revolution in India is associated with the great increase in milk production.
- 2. National Gopal Ratna Awards 2022 was conferred as part of the National Milk Day, 2022 celebration.

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

Q71. Consider the following statements regarding the United Nations Framework Convention on Climate Change (UNFCCC)

- 1. It came into existence at the Earth Summit of 1992.
- 2. Its 27th Conference of Parties (COP-27) is set to take place in Sharm El Sheikh, Egypt.
- 3. The Paris Agreement, which is a legally binding treaty, was endorsed at the COP-15 of the UNFCCC.

Choose the CORRECT answer using the codes given below:

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

Q72. Which of the following statements is/are correct with reference to India Plastics Pact?

- 1. It was launched by the Confederation of Indian Industries (CII) and the World Wide Fund for Nature (WWF).
- 2. It meant to increase in the production of cheap plastic use items.

Select the correct answer using the codes given below:

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

Q73. Which of the following is/are likely consequences of the strengthening of the dollar on emerging market economies (EMEs) such as India?

1. Increase in import bill
2. Domestic inflation
3. Widening of trade deficit
4. Increase in the forex reserve

Choose the correct answer using the code given below:

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

Q74. With reference to the Malaria, consider the following statements:

1. It is a disease caused by the *Vibrio cholerae*.
2. The parasite can be spread to humans through the bites of infected mosquitoes.

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. With reference to the Lunar Eclipse, consider the following statements:

1. The Moon passes through Earth's penumbral shadow is known as Penumbral Lunar Eclipse.
2. A portion of the Moon passes through Earth's umbral shadow is known as Total Lunar Eclipse.

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

Q76. Which of the following correct statements is/are correct with reference to International Solar Alliance (ISA)?

1. It is an Indian initiative launched by the Prime Minister of India and the United Kingdom.
2. All member states of the United Nations are eligible to join the ISA.

Select the correct answer using the codes given below:

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

Q77. Consider the following statements regarding Adaptation Gap Report (AGR).

1. It has been published by the World Meteorological Organization since 2014.
2. It provides an annual science-based assessment of the global progress on adaptation planning, financing, and implementation.
3. UNEP's Adaptation Gap Report 2022 expected that developing countries' estimated annual adaptation needs are USD 160-USD 340 billion by 2030.

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

Q78. Consider the following statements regarding the Global Gender Gap Index 2022:

- 1. It is released by World Economic Forum (WEF).
- 2. India is ranked 135 out of 146 countries in Global Gender Gap Index 2022.

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. Consider the following statements regarding the Indian economy

- 1. Investment rate indicates the fraction of the national income that is spent on investment in roads, bridges, factories, even human capital.
- 2. "Monetary Policy matters" and "Trust in society" are among the key drivers of investment rate.
- 3. India's investment rate has been witnessing a steady trend in the last decade.

Choose the CORRECT answer using the code given below:

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

Q80. With reference to the *Senna spectabilis*, consider the following statements:

- 1. It is an invasive species.
- 2. *Senna spectabilis*, along with *Lantana camara*, is among five major invasive weeds that had taken over vast swathes of the Nilgiris.

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

Q81. Consider the following statements regarding Floating Financial Literacy Camp:

- 1. It has been launched by the Ministry of Finance.
- 2. It's aimed at women of only rural areas.

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

Q82. Charu mussel recently seen in the news is:

- (a) an invasive species
- (b) a new organic fungicide
- (c) an algae
- (d) a type of moss

Q83. Which of the following statements is/are correct?

1. 'Parivesh Portal' is a web-based platform providing online service for passports and visas.
2. Information of passport/visa applicants is verified through the Unique Identification Authority of India.

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

Q84. With reference to "One Nation, One Gas Grid" consider the following statements:

1. It aims at providing natural gas to the whole country through a single source.
2. It aims at reducing the regional disparity in gas availability.

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

Q85. 'Triple Test Formula' was seen in the news recently is associated with –

- (a) Providing OBC reservation in Urban Local Body elections.
- (b) Creating a formula for appointment of the Judges
- (c) Freezing coral reefs
- (d) Establishing a commission for countering increasing Naxalism.

Q86. Consider the following statements regarding 'India Cooling Action Plan (ICAP)':

1. ICAP intended to reduce ozone-depleting substances in line with the Montreal Protocol.
2. This plan is encouraging Sulphur based fuel to reduce global warming by inducing global cooling.

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

Q87. Consider the following statements:

1. Genome sequencing is a technique that reads and interprets genetic information found within DNA or RNA.
2. Genome is a part of the DNA while a gene is the total DNA in a cell.
3. Gene is the hereditary element of genetic information while the genome is the complete set of nuclear DNAs.

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

Q88. With reference to Comptroller and Auditor General (CAG) consider the following statements:

1. CAG is appointed by the President and can be removed on the same grounds and in the same manner as a Judge of the Supreme Court.
2. CAG is eligible for further office after the end of his tenure.
3. He audits the accounts related to all expenditure from the Consolidated Fund of India and Consolidated fund of each state.

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

Q89. With reference to "China Plus One Strategy" consider the following statements:

1. It refers to a strategy in which companies avoid investing only in China and diversify their businesses to alternative destinations.
2. This strategy has extremely benefitted India as place of investment by the foreign companies.

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

Q90. With reference to Social Stock Exchange(SSE), consider the following statements:

1. Corporate foundations and religious organisations will not be eligible to be identified as social enterprises
2. Minimum issue size of Rs1 crore and a minimum application size for subscription of Rs2 lakh are currently required for SSE.

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

Q91. Which one of the following best describes Gaslighting?

- (a) It is an Indian government initiative to procure cheap gas from Russia.
- (b) It is a policy adopted by UNFCC to promote green energy.
- (c) It is a phenomenon of psychological manipulation of a person.
- (d) It is referred to taking up a second job apart from one's full-time job.

Q92. With reference to the Ashgabat Agreement, consider the following statements:

1. The agreement is intended to establish an international multimodal transport and transit corridor between Central Asia and South Asia.
2. India is not a member of the Ashgabat Agreement.

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

Q93. With reference to the Dark Patterns, consider the following statements:

1. It is a user interface that has been crafted to manipulate users.
2. Drip pricing is a type of Dark pattern in which the total price is only revealed at the very end of the buying process.

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

Q94. With reference to the Srimukhalingam temple, consider the following statements:

1. It is built in Kalinga architectural style.
2. It is located on the banks of the Vamsadhara river.

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

Q95. With reference to the Organic solar cell, consider the following statements:

1. It has less photovoltaic performance.
2. It is a combination of an organic polymer and PCBM semiconductor.

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

Q96. With reference to Streptococcus (strep A), consider the following statements:

1. It is a bacteria commonly found on the skin or in the throat.
2. It causes scarlet fever disease.

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

Q97. Consider the following statements:

1. Net neutrality protects small entrepreneurs from unfair competition with big internet tech giants.
2. India does not have any regulatory framework for net neutrality.
3. Net neutrality is crucial in promoting digital economy.

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

Q98. Ryugu, recently in the news, is related to which of the following?

- (a) Virus
- (b) Ransomware
- (c) Asteroid
- (d) Missile

Q99. Consider the following statements regarding Beypore Uru?

1. It is a symbol of Kerala's trade relations with the Gulf countries.
2. Odayis and Khalasis communities are involved in Uru-making.

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

Q100. With reference to Eco-Sensitive Zones, consider the following statements:

1. It includes land within 50 km of the boundaries of national parks and wildlife sanctuaries.
2. Agricultural or horticultural practices, rainwater harvesting and organic farming are strictly prohibited in Eco-Sensitive Zones.

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
