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

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TEST BOOKLET

Cumulative Test-2 (Geography, Economy, Ecology and Science)

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. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES 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. DO NOT write anything else on the Test Booklet.

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4. This Test Booklet contains 100 items (questions). Each item 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. You have to mark all your responses ONLY on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **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 (0.33) 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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1. The profit of a USA based firm in India forms part of which of the following?
- GDP of India
 - GNP of USA
 - GNP of India
 - None of the above
2. Which of the following is not correct regarding the Social Audit rules for Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)?
- Social audit of the works has to be undertaken in every Gram Panchayat at least once in six months
 - A summary of the social audits across states shall be submitted by the Central Government to the Comptroller and Auditor General of India
 - A Social Audit Unit will be set up by the State Government to facilitate conduct of social audit by Gram Sabhas.
 - None of the above
3. The union territory of Puducherry is surrounded by which of the following states?
- Tamil Nadu
 - Kerala
 - Andhra Pradesh
- Select the correct answer using the code given below.
- 1 only
 - 1 and 2 only
 - 2 and 3 only
 - 1, 2 and 3
4. Consider the following statements :
- A positive Southern Oscillation Index (SOI) indicates a good Indian monsoon.
 - A negative SOI is often seen in the El-Nino years.
- Which of the statements given above is/are correct ?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
5. Which of the following processes add Carbon to the atmosphere?
- Respiration
 - Burning plastic
 - Destruction of mangroves
 - Thermal power plants
- Select the correct answer according to the codes given below.
- 1, 2 and 3 only
 - 1 and 4 only
 - 2, 3 and 4 only
 - 1, 2, 3 and 4
6. Which of the following statements is/are correct?
- Atoms of different elements may have same mass number.
 - Atoms of an element may have different mass numbers.
 - All the atoms of an element have same number of protons.
- Select the correct answer using the code given below.
- 1 only
 - 2 and 3 only
 - 1 and 3 only
 - 1, 2 and 3
7. Consider the following statements
- Organic farming is an eco-friendly concept of cultivation to reduce their dependence on fertilizers and other chemicals to improve yields.
 - Paramparagat Krishi Vikas Yojana was launched to improve soil health via organic farming.
- Which of the above statement(s) is/are correct?

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

8. Consider the following statements with respect to Beti Bachao Beti Padhao (BBBP) scheme

1. The scheme is being implemented as a component under the Integrated Child Development Services (ICDS) Scheme.
2. The main objectives of this initiative are prevention of gender biased sex selective elimination, ensuring survival, protection, education and participation of the girl child.
3. The scheme is a tri-ministerial initiative of Ministry of Women & Child Development, Health & Family Welfare and Ministry of Home Affairs.

Which of the statement(s) given above is/are correct?

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

9. Recently, Australia is facing worst wild-fires seen in decades. Positive Indian Ocean Dipole (IOD) is said to be one of the aggravating factors. In this context consider the following statements

1. The IOD refers to the difference in sea-surface temperatures in the eastern and western Indian Ocean.
2. This year, the western Indian Ocean has been unusually cold, and that contributed to the rainfall deficiency over Australia.

Which of the statement(s) is/are correct?

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

- (c) Both 1 and 2
- (d) Neither 1 nor 2

10. Which of the following species can be generally found in the Chakrashila Wildlife Sanctuary, Assam?

- (a) Golden Langur
- (b) Forest Owlet
- (c) Hangul
- (d) Lion tail Macaque

11. Gross capital formation will increase if:

1. gross domestic savings increases
2. gross domestic consumption increases
3. GDP increases

Select the correct answer using the codes given below.

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

12. Which of the following Central Public Sector Enterprises (CPSE) bear the status of 'Maharatna'?

1. GAIL India ltd.
2. National Thermal power Corporation (NTPC) ltd.
3. Oil and Natural Gas Corporation (ONGC) ltd
4. Bharat Petroleum Corporation (BPCL) ltd.
5. Engineers India ltd.

Select the correct answer using the code given below.

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

13. Which of the following is/are tributary/tributaries of Ganga?
1. Gomti
 2. Kosi
 3. Lohit
- Select the correct answer using the code given below.
- (a) 1 and 3 only
 - (b) 2 and 3 only
 - (c) 1 and 2 only
 - (d) 1, 2 and 3
14. Which of the following geological events is not associated in shaping the present drainage system of Peninsular India?
- (a) Subsidence of the western flank of the Peninsula block.
 - (b) Subsidence of the northern flank of the Peninsular block.
 - (c) Slight tilting of the Peninsular block from the northwest to southeast direction.
 - (d) All the above are associated.
15. Which of the following owe their origin to the Rio Earth Summit, 1992?
1. Agenda 21
 2. United Nations Environment Programme (UNEP)
 3. United Nations Framework Convention on Climate Change
 4. Convention on Biological Diversity
- Select the correct answer using the code given below.
- (a) 1, 3 and 4 only
 - (b) 1 and 4 only
 - (c) 2 and 3 only
 - (d) 1, 2, 3 and 4
16. Consider the following pairs:
- Space Mission: Purpose
1. Cassini : Huygens To study Jupiter, its moons and great red spot
 2. MESSENGER : To study Mercury geology and its magnetic field.
 3. Juno : To study Saturn, its moon Titan and its ring.
- Which of the pairs given above is/are correctly matched?
- (a) 1 and 2 only
 - (b) 2 only
 - (c) 3 only
 - (d) 1, 2 and 3
17. Consider the following statements about 'Soil Health Card' scheme.
1. It will contain information such as macro and micro nutrients in the soil, type of soil, fertilizer type to be used, crop suitability for the type of soil and climate.
 2. The farmer can get a card every year and for every crop
- Which of the above statement(s) is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
18. Recently, the Supreme Court allowed the Centre to introduce the Cheetah in India. From which country India is receiving cheetahs?
- (a) Iran
 - (b) South Africa
 - (c) Kenya
 - (d) Namibia
19. VG Kannan Committee' was in news recently. It is associated with
- (a) New Education Policy
 - (b) ATM interchange fee
 - (c) Inter-creditor Agreement
 - (d) Country-by-Country Report
20. A Group of nations which consists of India, Germany, Japan and Brazil who wants permanent membership of the United

Nations Security Council for themselves, and wide and far-reaching reform of the UN, are popularly known as

- (a) The Coffee Club
- (b) G-4
- (c) IBSA
- (d) Uniting for Consensus

21. Consider the following statements regarding the National Payment Corporation of India (NPCI):

- 1. It is an umbrella organization for all retail payments system in India.
- 2. It is the nodal body for Bharat Bill Payment System.
- 3. It has launched Rupay, a new card payment system.

Which of the statements given above is/ are correct?

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

22. With reference to Mother's Absolute Affection programme, consider the following statements:

- (1) It is an awareness programme to curb destitution of children.
- (2) It has been launched by the Ministry of Women and Child Development.

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

23. Consider the following statements regarding Fold mountains:

- 1. Fold mountains are also called as Mountains of accumulation.
- 2. The upfolded waves of fold mountains

are called synclines and are convex in shape.

3. Overriding portion of the thrust fold is termed a 'nappe'.

Which of the statements given above is / are correct?

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

24. Which of the following local winds are warm winds?

- 1. Mistral
- 2. Chinook
- 3. Foehn
- 4. Sirocco

Select the correct answer using the codes given below.

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

25. With reference to Jhum Cultivation in India, consider the following statements:

- 1. It is largely practiced in the North-Eastern states.
- 2. This form of cultivation is called 'Bewar' or 'Dahiya' in Madhya Pradesh and 'Podu' or 'Penda' in Andhra Pradesh.

3. Under Jhum Cultivation the soil fertility is enriched over a period of 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

26. With reference to bio-toilets developed by DRDO and used by the Indian Railways, consider the following statements:

1. It degrades and converts the human waste into usable water and gasses in an eco-friendly manner.
2. The process involves the bacteria which feed upon the faecal matter inside the tank.

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

27. Consider the following statements regarding NABARD:

1. It has been entrusted with matters concerning policy, planning and operations in the field of credit for agriculture in rural areas in India.
2. It provides direct credit to farmers for agriculture activities.
3. It is a member of the Alliance for Financial Inclusion.

Which of the above statements is/ are correct?

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

28. Where was the 24th edition of World Energy Congress (WEC) for 2019 held ?

- (a) Washington D.C., United States
- (b) New Delhi, India
- (c) Abu Dhabi, United Arab Emirates (UAE)
- (d) Geneva, Switzerland

29. Consider the following statements with respect to Legacy wastes

1. Legacy wastes are the wastes that have been collected and kept for years at some barren land or a place dedicated for Landfill.

2. They contribute to generation of greenhouse gases and pose risk of uncontrollable fire.

Which of the statement(s) is/are correct?

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

30. Recently, The 15th Finance Commission headed by Shri .Nand Kishore (NK) Singh has submitted its report for the financial year (FY) 2020-21 to President. Consider the following statements

1. As empowered by the constitution of Indian, President sets up Finance Commission.
2. Finance Commission recommendations are advisory in nature

Which of the statement(s) is/are correct?

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

31. Which of the following are the 'core industries' in Index of Industrial Production (IIP)?

1. Textile
2. coal
3. Construction
4. Natural gas
5. Fertilizer
6. Crude Oil
7. Refinery

Select the correct answer using the code given below.

- (a) 1, 2, 3, 4 and 5 only
- (b) 2, 3, 5, 6 and 7 only
- (c) 2, 4, 5, 6 and 7 only
- (d) 1, 3, 4, 6 and 7 only

32. Consider the following statements:

1. Fiscal deficit indicates the total borrowing requirements of Government.
2. Effective Revenue deficit refers to the excess of revenue expenditure.
3. Primary Deficit is the difference between fiscal deficit and revenue expenditure.

Which of the statements given above is/are not correct?

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

33. Which one of the following pairs is correctly matched?

- (a) North-South corridor : Jammu to Kanyakumari
- (b) East-West corridor : Porbandar to Guwahati
- (c) National Waterway 1 : Allahabad to Haldia
- (d) National Waterway 3 : Dibrugarh to Dhubri

34. Which of the following statements regarding "Barchans" are true:

1. They are crescent-shaped sand dune produces due to the action of wind and gravity.
2. They move in the direction of wind
3. They are convex facing the wind with the horns pointing downwind.

Select the correct answer using the codes given below:

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

35. With reference to Central Pollution Control Board in India, consider the following statements:

1. It was constituted under the Environment (Protection) Act, 1986.
2. It is entrusted with the powers and functions under the Air (Prevention and Control of Pollution) Act, 1981.

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

36. Consider the following statements.

1. The role of a moderator in a nuclear reactor is to slow down the high energy neutrons.
2. The control rods in a nuclear reactor control the rate of reaction by absorbing the neutrons.

Which of the above statement(s) is/are correct?

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

37. Consider the following statements regarding 'Social Audit':

1. The Constitution of India empowers the Gram Sabhas to conduct social audits
2. Comptroller and Auditor General of India is responsible for supervising the social audits
3. National Rural Employment Guarantee Act of 2005 has provisions of social audit embedded in it.

Which among the above statements is /are correct?

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

38. According to Economic Survey 2019-20, arrange in the descending order, India's top five imports.
1. Gold
 2. Petroleum Products
 3. Crude Petroleum
 4. Coal
 5. Coke and briquettes
- Select the correct answer code:
- (a) 1-3-4-2-5
 - (b) 3-1-2-4-5
 - (c) 1-2-1-4-5
 - (d) 1-2-3-4-5
39. Consider the following statements regarding India Innovation Index (III) 2019
1. It is released by National Institution for Transforming India(NITI) Aayog
 2. Karnataka has been ranked as the most innovative state in India as per the index.
- Which of the statement(s) is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
40. Which two countries participate in the joint tri services exercise "INDRA 2019"?
- (a) India and China
 - (b) India and Japan
 - (c) India and Russia
 - (d) India and Sri Lanka
41. Consider the following statements regarding Fair and Remunerative Price (FRP) of sugarcane:
1. It is approved by Commission for Agricultural Costs and prices(CACP).
 2. It is paid by the government to the mills.
- 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
42. The "Gross" concept of income accounting can be changed to "Net" concept by:
- (a) Adjusting for inflation
 - (b) Adjusting for Exchange rate fluctuations
 - (c) Adjusting for Bad debts of banks and other financial institutions
 - (d) Adjusting for Depreciation
43. A part of the Earth facing the Moon experiences a tide due to the gravitational pull of the Moon, however, simultaneously, the opposite side also experiences a tide owing to the:
- (a) Centrifugal force of the Earth
 - (b) Centripetal force of the Earth
 - (c) Gravitational force of the Earth
 - (d) Coriolis Force
44. Which of the following statement(s) is/are correct regarding the coastal plain of India?
1. The entire coastal plain is aggradational and emergent in nature.
 2. The Backwaters are the special features of the Malabar plain.
 3. Most of the Creeks and Lagoons are located on the East coastal plain.
- Select the correct answer using the codes given below.
- (a) 2 only
 - (b) 1 and 3
 - (c) 2 and 3
 - (d) 1 and 2
45. Consider the following statements regarding Coral Triangle bio-region:
1. It is a marine area located in the western Pacific Ocean.

2. It contains the highest diversity of corals and marine plant species on Earth.
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
46. Which of the following is known as the 'graveyard of RBCs'?
- (a) Spleen
(b) Bone Marrow
(c) Mitochondria
(d) Small intestine
47. Consider the following statements about the Light Combat Aircraft (LCA) "Tejas" recently handed over to the Indian Air Force.
1. It has indigenously developed "Kaveri" engine
 2. It is capable of carrying nuclear warheads.
 3. It has been manufactured by a joint venture between public and private defence research organizations.
- Choose the correct answer using the codes below.
- (a) 1 only
(b) 2 and 3
(c) 1 and 3
(d) None of the above
48. Mangdechhu hydroelectric power plant, funded by India is developed in which country?
- (a) Bangladesh
(b) Afghanistan
(c) Nepal
(d) Bhutan
49. Where is the "Our Lady of Glory Church", located which won the UNESCO Asia-Pacific Award for Cultural Heritage Conservation 2019?
- (a) Mumbai
(b) Kolkata
(c) Chennai
(d) New Delhi
50. "Sethu Bharatam" is a programme for
- (a) Development of safe roads for seamless travel on national highways.
(b) Developing the irrigation facilities for fields.
(c) Skill development in the young people through vocational education.
(d) Infusion of capital into the public sector banks.
51. In the context of Rainbow Revolution in agriculture sector, match the following?
- | Revolution | | Commodity |
|------------|---|---------------|
| 1. Silver | : | A. Fertilizer |
| 2. Grey | : | B. Fruits |
| 3. Round | : | C. Oilseeds |
| 4. Yellow | : | D. Eggs |
| 5. Golden | : | E. Potato |
- Select the correct answer using the code given below.
- (a) 1-B, 2-C, 3-D, 4-E, 5-A
(b) 1-D, 2-A, 3-E, 4-C, 5-B
(c) 1-A, 2-C, 3-D, 4-E, 5-B
(d) 1-C, 2-A, 3-E, 4-B, 5-D
52. With reference to Quantitative Restrictions, consider the following statements:
1. It is a restriction in the form of tariffs imposed on imports.
 2. It helps in reducing Balance of Payments (BOP) deficit.
- 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

53. Consider the following statements regarding National Waterways (NWs):
1. NW-1 connecting Allahabad and Haldia is the longest waterway in India
 2. Buckingham Canal is part of NW-3 running parallel to the Coromandel Coast
- Which of the statements given above is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 and 2
54. Consider the following statements:
1. Pangong Tso lake in Ladakh is an example of Tectonic lake.
 2. Lonar Lake of Buldhana (Maharashtra) is an example of crater lake.
 3. Bhojtal lake of Bhopal is an example of man-made wetland.
- 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
55. In India in which of the following is hunting of animals permitted?
- (a) Wildlife Sanctuary
 - (b) Closed area
 - (c) Game reserve
 - (d) National Parks
56. With reference stem cells, consider the following statements :
1. Induced pluripotent stem cells (iPSCs) are adult cells that have been genetically reprogrammed to an embryonic stem cell
 2. Leukemia- a type of blood cancer can be treated with Stem Cell transplantation
- Which of the statement(s) given above is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
57. Consider the following statements about the Genetic Engineering Approval Committee (GEAC).
1. It is the apex body for approval of Genetically Modified crops.
 2. It is an independent regulatory body.
- Which of the above statements is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
58. Betel vine of which state received the Geographical Indication (GI) tag recently?
- (a) Tirur, Kerala
 - (b) Guntur, Andhra Pradesh
 - (c) Mairang, Meghalaya
 - (d) Pernem, Goa
59. Which scheme aims to provide free maternity healthcare benefits & assures free medicines for pregnant women .
- (a) Surakshit Matritva Aashwasan (SUMAN)
 - (b) Shramew Jayate Yojana(SBY)
 - (c) Gramoday Se Bharat Uday(GSBY)
 - (d) Pradhan Mantri Suraksha Bima Yojana(PMSBY)
60. Which of the following statements are correct in the context of social consequences of migration ?
1. Migrants contribute positively in the development of mixed culture.

2. No social change occurs through migrant people.
 3. One social result of it is that people become open minded in place of narrowness.
 4. There is no any negative result of migration. Code :
 - (a) 1 and 2 only
 - (b) 2 and 3 only
 - (c) 2 and 4 only
 - (d) 1 and 3 only
61. With reference to Special Drawing Rights (SDRs), consider the following statements:
1. The SDR is an international reserve currency, created by the IMF to supplement foreign exchange reserves of its member countries.
 2. A member country cannot hold SDRs above the allocations made in proportion to its quota in the IMF.
- 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
62. Consider the following statements:
1. Decreasing the reverse-repo rate can be a suggestive monetary policy to combat inflation.
 2. Purchasing power of money decreases if there is inflation in the market.
 3. Inflation favors the debtors.
- 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
63. Consider the following physiographic regions of India :
1. Himalayas
 2. Great Plains
 3. Peninsular region
- Which of the following represent the correct order of their formation.
- (a) 1 > 2 > 3
 - (b) 3 > 2 > 1
 - (c) 3 > 1 > 2
 - (d) 1 > 3 > 2
64. Temperate grasslands are ideal for extensive wheat cultivation. Which among the following statement/statements represents favourable conditions for growth of this crop in this region?
1. Cool and moist spring stimulates early growth.
 2. Absolutely rainless period during winters help in ripening of grains.
 3. Levelness of steppes makes it easier to plough and harvest.
- Select the correct answer using the code given below.
- (a) 1 only
 - (b) 2 and 3 only
 - (c) 1 and 3 only
 - (d) 1, 2 and 3
65. A dry land and coastal ecosystem is the natural habitat of an Indian animal species. The animal has no predators in that area but its existence is threatened due to the destruction of its habitat.
- Which one of the following could be that animal?
- (a) Saltwater crocodile
 - (b) Dugong
 - (c) Kharai camel
 - (d) Wild water buffalo
66. Consider the following differences between the IPv6 and IPv4:
1. IPv4 uses 32 bits in every address while IPv6 used 64 bits in every address
 2. The availability of addresses will become almost double when there is a transition from IPv4 to IPv6

Which of the statement(s) is/are correct?

- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
67. The slogan Per Drop More Crop was given by our prime minister. What was the aim of this slogan?
- (a) To increase the water use efficiency
 - (b) To discourage the growing of water intensive crops
 - (c) To encourage the micro irrigation systems
 - (d) To encourage the less water intensive crops.
68. Consider the following statements regarding 14th Session of the Conference of the Parties (COP) of the United Nations Convention to Combat Desertification (UNCCD)
1. It was held in New Delhi, India
 2. The theme of summit was "Investing in Land, Unlocking Opportunities"
- Which of the statement(s) is/are correct?
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2
69. Between which two countries joint military exercise named 'Dharma Guardian' was held recently?
- (a) India and Japan
 - (b) India and Sri Lanka
 - (c) India and United States
 - (d) India and Russia
70. Which one of the following is the primary purpose of 'UDAN', a scheme of the Government?

- (a) providing for financial turnaround and revival of power distribution companies
- (b) providing technical assistance to power distribution companies
- (c) to facilitate regional air connectivity by making it affordable
- (d) strengthen the infrastructure in regional airports

71. Consider the following statements about China Pakistan Economic Corridor (CPEC):

1. It will shorten the route for Chinese energy imports from the Middle East by 12,000 km.
2. The project would link China's far-western region to Pakistan's Gwadar port.
3. Iran has officially joined CPEC recently.

Select the correct answer using the code given below.

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

72. Consider the following statements with respect to 'Rhizoctonia solani'

1. It is a plant pathogenic bacterium endemic to India.
2. It causes the Sheath Blight disease in rice.

Which of the statement(s) is/are correct?

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

73. Consider the following statements regarding National Data and Analytics Platform (NDAP)

1. It is a flagship initiative of NITI Ayog
2. Mission is to standardize data across multiple Government sources, provide flexible analytics and make it easily accessible for research, innovation, policy making and public consumption

Which of the statement(s) is/are correct?

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

74. Which of the following statements are NOT correct about Nai Manzil scheme?
- (a) The focus group/beneficiaries are the minority youth who are school-drop-outs or educated in the community education institutions like Madarsas
 - (b) It covers entire country excluding Jammu and Kashmir.
 - (c) Few seats are reserved for minority girls
 - (d) beneficiaries are provided an integrated input of formal education and skill training along with certification

75. With reference to Mitochondrial Replacement Therapy (MRT), consider the following statements:
1. Defective mitochondria is replaced with the healthy mitochondria of the donor.
 2. Mitochondrial DNA comes from both mother and father.
 3. The baby born using this technique is known as 'three parent baby'.

Which of the statements given above is/are correct?

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

76. Which of the following is a primary cause of soil degradation in irrigated cultivated land in India?

- (a) Silting of land
- (b) Gully Erosion
- (c) Alkanisation and Salinity of soil
- (d) Wind Erosion

77. With reference to the factors behind Canada's successful lumbering industry, consider the following statements:

1. Thawing of rivers during spring helps in transporting of bigger logs downstream.
2. During winters surface is frozen and it helps in dragging of grown trees over them.
3. Huge demand of wood domestically and in the neighboring regions.

Which of the factors given above is/are responsible for growth of lumbering industry in this region?

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

78. Which of the following weather conditions are associated with Cold Front?

1. The cold air mass is advancing and under cutting the warm air mass.
2. The warm air mass is advancing and overriding the cold air mass.
3. Rapid ascent of warm moist air at the front causes rapid cooling and condensation.
4. Development of nimbus clouds.

Select the correct answer using the codes given below.

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

79. With reference to Minimum Alternate Tax, consider the following statements:
1. It is a direct tax that facilitates the taxation of 'zero tax companies'.
 2. It is also levied on high net worth individuals whose income exceeds a certain limit.
 3. It can be levied on portfolio investors and corporations with FDI in India.
- 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
80. With reference to Balance of Trade (BoT), consider the following statements:
1. India has continued to suffer from an unfavourable BoT since the beginning of planning era without any exception.
 2. For a favourable BoT, imports were restricted through Licensing of Imports, Tariff restrictions and Quantitative restrictions.
 3. For favourable BoT exports were promoted through devaluation, tax concession, convertibility of rupee and EXIM Bank.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only
 - (b) 2 and 3 only
 - (c) 1 and 3 only
 - (d) 1, 2 and 3
81. Which one of the following statements regarding India's Strategic Crude Oil Reserve Programme is not correct?
- (a) The reserves will be developed along the coastal areas.
 - (b) The crude oil storages are kept in underground rock caverns instead of conventional tanks.
 - (c) Domestically produced oil will be the main source of the reserve.
 - (d) It aims to take advantage of the slump in global crude oil prices.
82. Which of the following statements is/are correct regarding Monetary Transmission?
1. It refers to the process by which a central bank's monetary policy decisions are passed on to the financial markets.
 2. Rising Non Performing Assets (NPAs) and higher returns on small savings schemes may hinder effective monetary transmission.
 3. Lowering of CRR and SLR requirements may help ensure effective monetary transmission.
- Select the correct answer using the code given below.
- (a) 1 and 3 only
 - (b) 2 and 3 only
 - (c) 1 and 2 only
 - (d) 1, 2 and 3
83. With reference to Insolation received by the earth's surface, consider the following statements:
1. At the same latitude, the insolation is more over the continent than over the oceans.
 2. Maximum insolation is received at the Equator.
- 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
84. With reference to glaciers in India, consider the following statements:
1. Maximum development of glaciers occurs in the Pir Panjal Range.

2. Siachin Glacier is situated in The Nubra Valley.
3. Gangotri Glacier, the source of the Ganges, is located in the Kumaon-Garhwal region of the Himalayas.

Which of the statements given above is/are correct?

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

85. With reference to Paramparagat Krishi Vikas Yojana, consider the following statements:

1. It aims to promote organic farming through a cluster based approach.
2. It provides financial support to farmers for adoption of organic farming.
3. It is a component of National Mission for sustainable agriculture.

Which of the statements given above is/are correct?

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

86. National Science Day is celebrated every year on 28th February to commemorate the discovery of the 'Raman Effect'. Which among the following correctly describes the phenomenon of Raman Effect?

- (a) Change in intensity of reflected light.
- (b) Refraction of light when it passes from one medium to the other.
- (c) Change of wavelength exhibited by some of the radiation scattered in a medium.
- (d) Reflection of the total amount of incident light at the boundary between two media.

87. Human Development Report is Published by

- (a) World Bank
- (b) Organisation for Economic Cooperation and Development (OECD)
- (c) United Nations Development Programme (UNDP)
- (d) World Trade Organisation (WTO)

88. Recently, a four party agreement was concluded to end Bru-Reang refugee crisis. In this context, the Bru ethnic community can be found in

1. Manipur
2. Mizoram
3. Meghalaya
4. Tripura
5. Sikkim

Select the correct answer using the codes given below

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

89. With reference to UIDAI, sometimes seen in news which of the following statements is/are correct?

1. It is a statutory authority.
2. It works under the aegis of Ministry of Social Welfare.

Select the correct answer using the codes below:

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) None of the above

90. Which of the following countries does NOT belong to G7 countries?

1. Italy
2. China
3. Russia
4. France
5. Japan

Select the correct answer using the codes given below.

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

91. The reason why India is reluctant to sign Non-Proliferation Treaty (NPT) is

- (a) It aims complete nuclear disarmament which is against national interests
- (b) The treaty discriminates haves and have-nots of nuclear weapons with arbitrary criteria
- (c) Hostile neighbour and arch-rival Pakistan has not signed it
- (d) India has further plans or improving its nuclear arsenal in order to negate the threat of China

92. Consider the following statements about the Bharat Interface for Money (BHIM):

- 1. It is an initiative to enable payments through mobile phone
- 2. It is interoperable with other Unified Payment Interface (UPI) applications
- 3. It has been developed by the National Payment Corporation of India (NPCI)

Which of the above statements is/are correct?

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

93. Recently, the Ramsar Convention has declared 10 more wetlands in India as sites of international importance. Identify them from the following

- 1. Nandur Madhameshwar, Maharashtra
- 2. Parvati Arga Bird Sanctuary, UP
- 3. Nangal Wildlife Sanctuary, Punjab
- 4. Dal Lake, Jammu and Kashmir
- 5. Nainital, Uttarakhand

Select the correct answer using the codes given below

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

94. Consider the following statements about Pradhan Mantri Kaushal Vikas Yojana.

- 1. It focuses on Skill development of the youth in order to reap benefits of demographic dividend.
- 2. It is supervised by Ministry of Human Resources and Development.

Which of the above statement(s) is/are correct?

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

95. Consider the following pairs:

Missile	Missile Type
1. Nirbhay	: Cruise
2. BrahMos	: Ballistic
3. Dhanush	: Cruise

Which of the above pairs is/are correctly matched?

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

96. Which of the following statements regarding National Green Tribunal (NGT) is/are correct?

- 1. It is guided by the principles of natural justice but not bounded by the code of civil procedure.
- 2. It was enacted under the article 21 of the constitution.

Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 only
- (c) 80th 1 and 2
- (d) Neither 1 nor 2

97. Consider the following about an Indian river:
1. It is the largest tributary of the Indus.
 2. This is also known as 'Chandrabhaga'.
 3. It is formed by joining of two streams at Tandi near Keylong.

Which of the following rivers is best described by the above features?

- (a) Jhelum
- (b) Ravi
- (c) Chenab
- (d) Satluj

98. Which of the following factors affect the drainage pattern of a river or stream?
1. Periodicity of flow
 2. Amount of water flowing
 3. Slope
 4. Nature and structure of rock

Select the correct answer using codes given below.

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

99. Kuznets curve is used to explain which of the following?

- (a) Relationship between economic inequality against income per capita.
- (b) Relationship between rates of taxation and resulting levels of government revenue.
- (c) Relationship between household expenditure on particular good and household income.
- (d) Relationship between unemployment and inflation.

100. Which of the following best describes the term 'closed economy', sometimes seen in the news?

- (a) an economy in which money supply is fully controlled
- (b) an economy in which deficit financing takes place
- (c) an economy from which only exports take place
- (d) an economy in which neither exports nor imports take place