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

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**R.C. Reddy IAS Study Circle**  
**TEST BOOKLET**  
**Cumulative Test-3**  
**(Indian and World Geography, Ecology and Current Affairs)**

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**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** Sher, Dudhi, Shakkar, Tawa, Barna etc. are tributaries of which river?  
 (a) Tapi  
 (b) Sone  
 (c) Godavari  
 (d) Narmada
- 2** Which of the following conditions is/are conducive for formation of tropical cyclones?  
 1. large and continuous supply of warm and moist air.  
 2. large value of coriolis force.  
 3. inflow of air at upper level of atmosphere.  
 Select the correct answer using the codes given below.  
 (a) 1 and 2 only  
 (b) 1 only  
 (c) 1 and 3 only  
 (d) 1, 2 and 3
- 3** Consider the following statements.  
 1. Places in the east see the sun earlier than those in the west as the earth rotates from west to east.  
 2. Sun is not directly overhead at all sunlit points on earth at the same time due to the curvature of the earth.  
 Which of the above is/are correct?  
 (a) 1 only  
 (b) 2 only  
 (c) Both 1 and 2  
 (d) None
- 4** What is the correct sequence of occurrence of the following cities in West Asia as one proceeds from south to north?  
 1. Amman  
 2. Damascus  
 3. Riyadh  
 4. Cairo  
 Select the correct answer using the code given below.  
 (a) 4-2-1-3  
 (b) 3-2-4-1  
 (c) 3-4-1-2  
 (d) 4-3-2-1
- 5** With reference to 'Microplastics', consider the following statements:  
 1. Their sources include cosmetics, clothing and industrial processes.  
 2. They can persist in the marine and aquatic ecosystems.  
 3. They make up the bulk of the 'Great Pacific Garbage Patch'.  
 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
- 6** Which of the following are the favorable conditions for Coral formations?  
 1. Shallow continental shelf  
 2. Areas where fresh waters from rivers enter oceans  
 3. High sediments in the water  
 Select the correct answer using the code given below.  
 (a) 1 and 2 only  
 (b) 1 and 3 only  
 (c) 2 and 3 only  
 (d) 1 only
- 7** Which of the following locations are the sources of highest amount of freshwater on earth?  
 (a) The Great Lakes, North America  
 (b) Greenland  
 (c) Antarctica  
 (d) Lake Baikal
- 8** Naseem-Al-Bahr' is a bilateral naval exercise between India and which country?  
 (a) Indonesia  
 (b) Iran  
 (c) Oman  
 (d) Saudi Arabia
- 9** With reference to Integrated Battle Groups (IBG), Consider the following statements  
 1. It is an initiative of the Indian Army.  
 2. Each IBG would be tailor-made based on Threat, Terrain and Task and resources will be allotted based on the three Ts.

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

**10** The last Satellite of BeiDou Navigation Satellite System (BDS) was launched recently. The BDS belongs to which country?

- (a) Japan
- (b) China
- (c) Russia
- (d) South Korea

**11** North Eastern states which share border only with 3 states are?

- 1. Manipur
- 2. Nagaland
- 3. Meghalaya

Select the correct answer from the following codes

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

**12** Consider the following statements.

- 1. The largest volcano in our Solar System is found on Earth.
- 2. Ice cannot be found anywhere outside of earth in our solar system.

Which of the above is/are correct?

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

**13** If you travel through the Western Himalayan Region across the year, you are likely to see which of the following crops?

- (a) Rice, Maize, Wheat, Litchis, Saffron
- (b) Rice, Potato, Tea, Litchis and Lime
- (c) Jute, Maize, Potato, Mango and Saffron
- (d) Rice, Wheat, Pulses, Lime and Saffron

**14** Consider the following statements:

- 1. India is the largest consumer as well as the largest producer of Silk in the world.
- 2. India is the only country in the world that produces all 5 varieties of silk on commercial scale.

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

**15** With reference to the TRAFFIC, a conservation organisation, consider the following statements:

- 1. It is an inter-governmental wildlife trade monitoring network which aims to ensure that trade in wild plants and animals is not a threat to the conservation of nature
- 2. It specializes in investigating and recognize wildlife trade and provides its information to a diverse audience world-wide.
- 3. It works in close collaboration with the 'Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)'.

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

**16** The area of Sariska Tiger reserve is part of which of the following mountain ranges?

- (a) Vindhyan Ranges
- (b) Aravalli Ranges
- (c) Satpura Range
- (d) Shiwalik Ranges

**17** With reference to Grid Connected Rooftop Solar Programme, consider the following statements

- 1. It will have a substantial environmental impact in terms of savings of CO2 emission.
- 2. The project initially concentrates only on the Rooftop of residential buildings.

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

**18** With reference to the 'International Charter 'Space and Major Disasters'', consider the following statements

1. It is a non-binding charter.
2. It provides for the charitable and humanitarian related acquisition and transmission of space satellite data to relief organizations in the event of major disasters.
3. It is initiated by NASA.

Which of the statements given above is/are correct?

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

**19** What is the name of the economic package launched by the central government to counter the effect of lockdown in view of COVID-19?

- (a) COVID-19 Package
- (b) Aatma Nirbhar Bharat Package
- (c) Aarthik Nirbharta Package
- (d) Aarthik Package

**20** The Vishaka Guidelines issued by Supreme court in 1997 is related to-

- (a) Women trafficking
- (b) Sexual harassment at workplace
- (c) Liberal maternity leave
- (d) Acid attacks on women

**21** Which of the following pairs is/are correctly matched?

1. Mullaperiyar : Mullayar River
2. Polavaram : Krishna River
3. Kishanganga : Jhelum River
4. Baglihar : Indus River

Select the correct answer from the code given below.

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

**22** Which of the following can lead to metamorphism of rocks?

1. Heat
2. Compression due to convergent horizontal movements.
3. Chemically active hot gases and waters.

Select the correct answer using the codes given below.

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

**23** Why the extraction of mineral from Manganese Nodules from Indian Ocean is of crucial importance to India?

1. India is heavily dependent on imports to meet its requirements of cobalt and nickel both of which are strategic minerals in nature.
2. These metals are fast depleting from the face of the earth which increases the importance of ocean resources.

Which of the above is/are correct?

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

**24** Which of the following factor makes Atlantic Ocean an ideal location for natural harbours and ports?

- (a) Longer length of coastline.
- (b) Thriving Atlantic Rim economies.
- (c) Irregular and indented coastline.
- (d) Pleasant climate under the influence of ocean currents.

**25** Which country recently announced its decision to withdraw from Open Skies treaty?

- (a) North Korea
- (b) Israel
- (c) China
- (d) United States

- 26** Which of the following are the sources of renewable energy?
1. Geo-thermal energy
  2. Biofuels
  3. Biomass energy
  4. Nuclear energy
- Select the correct answer using the codes given below
- (a) 1 and 3 only
  - (b) 1, 2 and 3 only
  - (c) 2 and 4 only
  - (d) 1, 2, 3 and 4
- 27** In which of the following states would you find Pakhui Tiger Reserve?
- (a) Assam
  - (b) Arunachal Pradesh
  - (c) Sikkim
  - (d) Nagaland
- 28** With reference to the International Atomic Energy Agency, consider the following statements:
1. It seeks to promote the peaceful use of nuclear energy.
  2. It was set up after North Korea gained Nuclear arsenal.
  3. It is a party to non-proliferation treaties (NPT).
- Which of the statements given above is/are not correct?
- (a) 1 only
  - (b) 1 and 2 only
  - (c) 2 and 3 only
  - (d) 1, 2 and 3
- 29** D.B. Shekatkar Committee', sometimes mentioned in the news, is related to:
- (a) Economic Capital Framework
  - (b) Interstate Migrant Issues
  - (c) National Education Policy-2019
  - (d) Military Reforms
- 30** Recently, the National Green Tribunal (NGT) has issued notices to the Ministry of Environment, Forest and Climate Change (MoEFCC) to explain how environmental clearances for the seven proposed drilling sites in the Dibru-Saikhowa National Park were given. Which of the following is incorrect about the national park?
- (a) It is in the state of Assam.
  - (b) It is designated as the Biosphere Reserve
  - (c) The park is bounded by the Brahma putra and Lohit Rivers in the north and Dibru river in the south.
  - (d) None of the above
- 31** The term Hamada stands for:
- (a) A coastal low land eroded by sea waves
  - (b) A depositional plain in an arid region.
  - (c) A flat rocky surface in a desert without surfacial matter other than boulder, etc
  - (d) A karst depositional plain
- 32** With reference to continental shelves, consider the following statements:
1. They are wider where high mountains are very close and parallel to the coast.
  2. They are narrow where the wide plains are near the coast.
- 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
- 33** Which of the following forest types covers the largest area in India?
- (a) Tropical Moist Deciduous Forest
  - (b) Tropical Evergreen Forests
  - (c) Littoral and Swamp Forest
  - (d) Sub-Tropical Broad Leaved Hill Forest
- 34** Which among the following are found in moist deciduous forest?
1. Teak
  2. Sal
  3. Shisham
  4. Sandalwood
  5. Bamboo
- Select the correct answer using code given below.
- (a) 1 and 2 only
  - (b) 1, 2, 3 and 5 only
  - (c) 3, 4 and 5 only
  - (d) 1, 2, 3 and 4 only

- 35** Safe Harbour Rules', that was in news recently is associated with which Ministry?
- Ministry of Shipping
  - Ministry of Finance
  - Ministry of Transport
  - Ministry of Commerce and Industry
- 36** Which among the following bio-sphere reserves of India is NOT in the World network of bio-sphere reserves (WNBR)?
- Agasthyamalai bio-sphere reserve
  - Nokrek Bio-sphere reserve
  - Great Nicobar bio-sphere reserve.
  - Manas bio-sphere reserve.
- 37** With reference to homeostasis, consider the following statements:
- It refers to maintenance of the constancy of internal environment by organisms.
  - Majority of animals and plants are not capable of homeostasis
- Which of the statements given above is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 38** With reference to 'National Education Policy (NEP), 2020', Consider the following statements:
- NEP 2020 emphasizes on ensuring universal access to school education at all levels.
  - The new system will have 10 years of schooling with three years of pre schooling.
  - A new National Assessment Centre, PARAKH will be set up as a standard-setting body.
- Which of the given above statements is/are correct?
- 1 and 2
  - 2 and 3
  - 1 and 3
  - 1, 2 and 3
- 39** Recently released World Happiness Index (WHI) ranked India at 144. In this context, consider the following statements.
- WHI is compiled by United Nations.
  - GDP per capita and Life expectancy are also considered while calculating WHI.
- Which of the above statement(s) is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 40** Recently, which country signed agreement with India to set up Geydoshu Mas Plant (fish processing plants) at islands named Maradhoo and Hulhudhoo?
- Thailand
  - Maldives
  - Bangladesh
  - Sri Lanka
- 41** The term Inselberg is associated with:
- Glaciers
  - Running water
  - Underground water
  - Wind action
- 42** Fishing in India is in a sad state of affairs. Geographically, which of the following factors is/are responsible for it?
- India has tropical climate.
  - Indian coast have too many gulfs, bays and estuaries.
  - India has monsoonal rainfall pattern.
- Select the correct answer using the codes given below.
- 1 only
  - 1 and 2 only
  - 1 and 3 only
  - 1, 2 and 3
- 43** Consider the following statements:
- According to 2011 census, in India among religions, Jains have highest literates whereas Muslims have lowest percentage of literates above 7 years of age.
  - The percentage of literates above 7 years of age among Christians and Buddhists is lower than that of Hindus.

Which of the above statements is/are correct?

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

**44** With reference to the agricultural practices, consider the following statements:

1. Inter-cropping method involves growing different crops simultaneously within the same plot.
2. Mulching is the practice of cultivation of leguminous crops between the cropping seasons.

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

**45** Which of the following are the components of Photochemical Smog?

1. Nitric Oxide
2. Acrolein
3. Formaldehyde
4. Ozone
5. Peroxyacetyl Nitrate (PAN)

Select the correct answer using the code given below.

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

**46** The critically endangered Sangai Deer is naturally found in

1. Assam
2. Manipur
3. Meghalaya

Select the correct answer using the codes given below.

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

**47** Consider the following protected areas:

1. Bandipur
2. Eagle Nest
3. Nagarjunsagar Srisailem
4. Rajiv Gandhi Orang

Which of the above are Reserves?

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

**48** Recently, President of India laid the foundation stone for the Paika Memorial. In this context which of the following is incorrect about Paika rebellion.

- (a) It was an armed rebellion that took place in Odisha against the British East India Company.
- (b) Some consider Paika Rebellion as the First war of Independence
- (c) It was headed by Sidhu Murmu and Kanhu Murmu
- (d) None of the above

**49** Recently, Ministry of Health and Family Welfare has banned usage of Colistin. It refers to

- (a) A Virus
- (b) An antibiotic
- (c) Cryptocurrency
- (d) Vaccination for Corona Virus

**50** Recently, the 3rd unit of Kakrapar atomic power project has become India's 1st 700 MW unit to achieve criticality. In this context which of the following statements is incorrect?

- (a) The plant is managed by The Nuclear Power Corporation of India Limited (NPCIL)
- (b) It is located in the state of Gujarat.
- (c) It is an indigenously developed Pressurized Heavy Water Reactor (PHWR)
- (d) None of the above

**51** The famous "Nullarbor Plain" is located in

- (a) Canada
- (b) Argentina
- (c) Australia
- (d) China

- 52** With reference to plate tectonics, consider the following statements:
1. When a continental and Oceanic plates collide, the continental plate being heavier is subducted below the oceanic plate.
  2. Such a collision can result in formation of cordillera folded mountains.
- 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** Chabahar is located on the Makran coast in southeastern Iran. But, which is the Gulf in which this Port is located?
- (a) Persian Gulf
  - (b) Gulf of Oman
  - (c) Gulf of Hormuz
  - (d) None of the above
- 54** Consider the following pairs:
- | <b>Dam</b>       | <b>River</b> |
|------------------|--------------|
| 1. Hirakud       | : Godavari   |
| 2. Tehri         | : Bhagirathi |
| 3. Srisailem Dam | : Krishna    |
- Which of the pairs given above is / are correctly matched?
- (a) 1 only
  - (b) 2 and 3 only
  - (c) 1 and 3 only
  - (d) 1, 2 and 3
- 55** Measurement of which of the following parameters forms the basis of the working of the Coral Bleaching Alert System (CBAS) that has been developed in India?
- (a) Amount of dissolved carbon dioxide in ocean waters.
  - (b) Night time sea surface temperatures.
  - (c) Rate of calcification in shell forming organisms in reefs.
  - (d) Rate of discolouration of reefs.
- 56** Consider the following statements regarding 'National Tiger Conservation Authority (NTCA)':
1. It is under Ministry of Environment, Forest and Climate Change.
  2. It is constituted under Environmental (Protection) Act, 1986.
  3. It is chaired by the Prime Minister.
- Which of the statements given above is/ are correct?
- (a) 1 only
  - (b) 3 only
  - (c) 2 and 3 only
  - (d) 1, 2 and 3
- 57** The mortality rate of the lifeline of the desert, 'Khejri tree' is increasing. Why is this a cause of concern?
1. It has a good role in sustaining the nutrient value of the soil.
  2. The amount of Nitrogen in the soil would decrease.
  3. The survival of some pollinators like honey bee will be affected.
  4. It is a pioneer species in the desert ecosystem.
- Which of the statements given above is/ are correct?
- (a) 1, 2 and 3 only
  - (b) 2 only
  - (c) 1 and 3 only
  - (d) 1, 2, 3 and 4
- 58** Which of the following is incorrect about Kodava community.
- (a) They are an ancient tribe migrated from Africa
  - (b) They are the only community in the country who are exempted from obtaining arm licenses.
  - (c) It is a well known martial community of Coorg region in Karnataka
  - (d) None of the above
- 59** With reference to PRASAD scheme, consider the following statements
1. It was launched by the Union Ministry of Tourism.
  2. It enhances tourist attractiveness in a sustainable manner by developing world-class infrastructure in the beaches in the country.
  3. It seeks to promote local art, culture, handicrafts, cuisine, etc.

Which of the statements given above is/are correct?

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

**60** Recently, which country signed EPC agreement with Pakistan for 700MW Azad Pattan hydel power project on Jhelum river.

- (a) Russia
- (b) Afghanistan
- (c) United States
- (d) China

**61** Rift Valley develops when :

- (a) Rock column between two rift lines deepens downward.
- (b) Rock columns at the edge of two rift lines uplift.
- (c) When horizontal movement takes place in columns at the edge of two rift lines.
- (d) None of these.

**62** Which one of the following pairs of straits and the countries they separate is wrongly matched ?

- (a) Gibraltar Strait - Spain and Morocco
- (b) Bering Strait - Sumatra and Malaysia
- (c) Magellan Strait - Chile and Tieradel Fuego
- (d) Bass Strait - Australia and Tasmania

**63** In which part of India, Hope Island is located?

- (a) Lakshadweep Islands
- (b) Nicobar Islands
- (c) Godavari Delta
- (d) Ganga - brahmaputra Delta

**64** What is the correct sequence in decreasing order of albedo for the following?

1. Clouds
2. Forest
3. Sand
4. Snow Cover

Select the correct answer using the code given below.

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

**65** With reference to Edge effect, consider the following statements:

1. Edge effects refer to the changes in population or community structures that occur at the boundary of two habitats.
2. Areas with less frequent fragmentation in habitat exhibit more pronounced edge effect.

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

**66** Consider the following statements regarding 'Bharat Stage-IV (BS-IV)'.

1. BS-IV fuels contain far less sulphur than BS-III fuel.
2. Bharat Stages (BS) regulate the release of carbon monoxide (CO), unburnt hydrocarbons (HC), Nitrogen Oxides (NOx) and Particulate matter (PM)

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

**67** With reference to 'Olive Ridley Turtle, a reptile found in India, which of the following statements is/are correct?

1. During the mating season they commence their journey from Indian Ocean to Bay of Bengal.
2. The unique Mass nesting of this species is known as Arribada.

3. Accidental killing of adult turtles through entanglement in trawl nets and gill nets during the mating period is the only threat faced by the species.
4. The Turtle Excluder Devices (TEDs) mandated by Orissa government for trawls is a device used to spot the mass group of turtles using Radar.

Select the correct answer using the code given below.

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

**68** With reference to 'Red Mud', Consider the following statements

1. It is toxic liquid waste.
  2. It is a side-product of the Bayer 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

**69** The Red Corridor is a region in the east of India that experiences considerable Naxalite-Maoist insurgency. Which of the following states is not part of the Red Corridor?

1. Andhra Pradesh
2. Bihar
3. Odisha
4. West Bengal
5. Uttar Pradesh

Select the correct answer using codes below:

- (a) 2 and 5 Only
- (b) 5 only
- (c) 2 only
- (d) All are part of Red Corridor

**70** Which of the following is incorrect about the theatrical art form - Bhaona

- (a) It is performed in traditional language of Brajawali.
- (b) It originated from the state of Assam
- (c) Srimanta Sankaradeva created this art form.
- (d) None of the above.

**71** Recently, Chaukhandi Stupa has been declared site of national importance by the Archeological Survey of India (ASI).

Consider the following statements in this regard.

1. It is an ancient Buddhist site in Sarnath, Uttar Pradesh.
2. It is a famous Ashokan stupa with iconic bull capital.

Identify the correct statements from the following codes:

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

**72** Which organization released report titled "Inclusion and Education: All Means All"?

- (a) UNICEF
- (b) IMF
- (c) UNESCO
- (d) WEF

**73** With reference to 'Deep Ocean Mission' recently seen in the news, consider the following statements

1. It is an initiative by the Ministry Of Earth Sciences.
2. It aims to remove plastic waste from the deep ocean.

Which of the statements given above is/are correct?

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

**74** With reference to the Ecosystems, consider the following statements:

1. A biological community interacting with the non-living environment.
2. Set of organisms and abiotic components connected by the exchange of matter and energy.
3. An ecosystem can be visualised as a functional unit of nature.

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

- 75** Consider the following statements regarding GRIHA ratings.
1. It was developed by TERI in association with Ministry of new and renewable sources of energy.
  2. These ratings are provided for both residential and commercial buildings, based on their environmental friendliness.
- Identify the correct statement/s based on the given below options
- (a) 1 only
  - (b) 2 only
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2
- 76** Which of the statement given below about Bureau of Energy Efficiency is/are correct?
1. It gives financial assistance to institutions for promoting efficient use of energy.
  2. It is a statutory body under Energy Conservation Act, 2001.
  3. It works under Ministry of New and Renewable Energy.
- 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
- 77** Consider the following statements:
1. Africa is the only continent through which the Tropic of Cancer, the Equator and the Tropic of Capricorn pass.
  2. Europe is the only continent which lies entirely in the Northern Hemisphere.
  3. Australia is the only continent which lies entirely in the Southern Hemisphere.
- Which of the statements given above is/are correct?
- (a) 1 only
  - (b) 2 and 3 only
  - (c) 1, 2 and 3
  - (d) None
- 78** Escarpment, the highly precipitous slope, observed in Western Ghats overlooking the Arabian Sea is associated with which of the following phenomena?
- (a) Folding
  - (b) Faulting
  - (c) Emergence
  - (d) Volcanism
- 79** Which one of the following rivers originates from Amarkantak ?
- (a) Son river
  - (b) Mahanadi
  - (c) Godavari river
  - (d) Sutlej river
- 80** Which of the following countries is a double land locked country?
- (a) Uzbekistan
  - (b) Austria
  - (c) Turkmenistan
  - (d) South Sudan
- 81** Which of the following is/are the characteristic/s of Savanna biome?
1. It has scattered shrubs and individual trees having thorns.
  2. The trees in this biome will be having a flat crown canopy.
- 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
- 82** Consider the following statements about the 'Roaring Forties':
1. They blow uninterrupted in the Northern and Southern Hemispheres
  2. They blow with great strength and constancy
  3. Their direction is generally from North-West to East in the Southern Hemisphere
  4. Over-cast skies, rain and raw weather are generally associated with them
- Which of these statements are correct?
- (a) 1, 2 and 3
  - (b) 2, 3 and 4
  - (c) 1, 3 and 4
  - (d) 1, 2 and 4

- 83** Consider the following pairs:
- |          |           |
|----------|-----------|
| National | Cities    |
| Waterway | connected |
- NW 1 : Kollam and Kottappuram
  - NW 2 : Allahabad and Haldia
  - NW 3 : Dibru and Sadiya
- Which of the above pairs is/are correctly matched?
- 1 and 2 only
  - 1 only
  - 1, 2 and 3
  - None
- 84** With reference to Greenland, consider the following statements:
- It is considered as the world's largest island.
  - It is located between the North Pacific and the South Atlantic Ocean.
  - Greenland is an autonomous dependent territory under Sweden.
- Which of the statements given above is/are correct?
- 1 and 2 only
  - 1 only
  - 1 and 3 only
  - 1, 2 and 3
- 85** The strategically important Ghatiabagar-Lipulekh motor road, that was inaugurated recently, is located in which state?
- Sikkim
  - Arunachal Pradesh
  - Uttarakhand
  - Himachal Pradesh
- 86** Which among the following missions are NOT a part of our National action plan on climate change (NAPCC)?
- National mission on enhanced energy efficiency (NMEEE)
  - National mission for sustaining the Himalayan ecosystem (NMSHE)
  - National solar mission (NSM)
  - National renewable energy mission (NERM)
- 87** An open and wooded area is the natural habitat of an Indian animal species. It nests almost exclusively in colonies on cliffs and ruins. The animal has no predators in that area but its existence is threatened due to a veterinary drug Diclofenac used to treat cattle. Which one of the following could be that animal?
- Indian wild buffalo
  - Indian Vulture
  - Indian wild ass
  - Indian wild boar
- 88** Global Peace Index' is released by which among the following?
- World Bank
  - Amnesty International
  - UNDP
  - Institute for Economics & Peace
- 89** Consider the following statements with reference to Uighurs ethnic community:
- They are Turkic ethnic group.
  - The largest population of the Uighurs lives in Wuhan of China.
- Which of the statements given above is/are correct?
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- 90** Recently, new menhirs were found on the Pothamala hills on the Kerala-Tamil Nadu border. Consider the following statements in this regard.
- Menhirs are monolithic slabs that are erected above the burial site.
  - Menhirs are characteristic of Megalithic Culture.
- Identify the correct statements from the following codes:
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2

**91** With reference to Balochistan, which is sometimes mentioned in the news, consider the following statements:

1. Balochistan is the easternmost province of Pakistan.
2. Balochistan shares border with Iran, Afghanistan and Tajikistan.
3. Gwadar port is located in Balochistan.

Select the correct answer using the code given below.

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

**92** Recently, Indian Air Force inducted Rafale fighter jets. Consider the following statements with reference to the Rafale deal:

1. The Rafale is a single-engine fighter aircraft.
2. It is capable of carrying out all combat missions: air defence, interception, ground support, in-depth strikes, reconnaissance, anti-ship strikes and nuclear deterrence.
3. The weapons package includes Meteor radar guided Beyond Visual Range (BVR) missile considered the best in the class with range of over 150 km and Scalp long range air to ground missiles.

Which of the statements given above is/are correct?

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

**93** Which among the following statements is/are true regarding 'Microdots' recently seen in the news?

1. It involves spraying the body and parts of the vehicle or any other machine with microscopic dots, which gives a unique identification.
2. It can be read physically with a microscope and identified with an ultraviolet light source.

3. The microdots are adhesive will become permanent fixtures/affixation which can be removed without damaging the asset, that is the vehicle itself.

Which of the statements given above is/are correct?

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

**94** Which of the following best explains the advantage of neem-coated urea over normal urea?

- (a) Neem checks the loss of nitrogen by slowing nitrate formation.
- (b) Neem coated urea enhances the rate of absorption of nitrogen.
- (c) Neem coated urea increases soil's capacity to retain nitrogen.
- (d) Presence of neem increases the life span of plants.

**95** Green Energy Corridors project is to facilitate

- (a) the availability of renewable energy into the national grid
- (b) the transportation of the fuels and other energy products from one region to another
- (c) the construction of environment friendly energy providing plants all over India
- (d) the construction of industries based on clean fuel technology in India

**96** One of the world heritage site in India, also designated as a Tiger reserve was established as a National Park specially for conservation and protection of the Greater One Horned Rhinoceros. Which one of the following could be that National Park?

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

**97** In the South China Sea dispute, which of the following group of islands is not included?

- (a) Spratly Islands
- (b) Paracel Islands
- (c) Senkaku Islands
- (d) Scarborough Shoal

**98** Which of the following reasons explain why deserts are mainly located in the tropical west margins of the continents?

1. Existence of the perennial high pressure over the region.
2. Prevalence of on-shore winds throughout the year.
3. Cold currents on the western margins of the continents.

Select the correct answer using code given below.

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

**99** The correct sequence of different layers of the atmosphere from the surface of the Earth upwards is:

- (a) Troposphere, Stratosphere, Ionosphere, Mesosphere
- (b) Stratosphere, Troposphere, Ionosphere, Mesosphere
- (c) Troposphere, Stratosphere, Mesosphere, Ionosphere
- (d) Stratosphere, Troposphere, Mesosphere, Ionosphere

**100** Which of the following are correctly matched?

1. Nazca plate - between Central America and Pacific plate
2. Cocos plate - between South America and Pacific plate
3. Caroline plate - North East Australia

Select the correct answer using the code given below:

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