

1. With reference to the Coriolis force, consider the following statement:

1. It is responsible for the formation of meandering in the river.
2. It helps sustain the cyclonic circulation in the Doldrum region.
3. It is maximum at the pole as compared to the equator and inversely proportional to the velocity of the wind.

Which of the statements given above is/are correct?

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

2. Consider the following pairs:

Types of lakes & Associated Physical Feature

1. Kettle lake - Karst region
2. Oxbow lake - River meanders
3. Lagoon lake - Coastal region
4. Playa lake - Wind erosion

How many pair(s) given above is/are correctly matched?

- (a) One pair                      (b) Two pairs  
 (c) Three pairs                  (d) Four pairs

3. Zmiyniy island was in the news due to the ongoing war between Ukraine and Russia. On which of the below sea is this island located?

- (a) Caspian Sea                  (b) Dead Sea  
 (c) Black Sea                    (d) Azov Sea

4. Consider the following statements regarding Hotspot Volcanoes:

1. It refers to the active volcanoes found along the Pacific ring of fire.
2. They are usually associated with convergent plate boundaries.
3. Emperor seamount in the Pacific Ocean is known to be formed due to hotspot volcanic activity.

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

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

5. Glaciers are melting at a faster rate than ever before.

Which of the following is/are the possible consequences of melting glaciers?

1. Sea level rise
2. Less freshwater availability
3. Decline in ocean salinity
4. Loss of species
5. New Diseases

Select the correct answer using the codes given below:

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

6. Consider the following statements:

1. Both P and S waves travel through the body of the Earth.
2. Surface waves or L waves are high-frequency waves that travel through the crust.
3. The magnitude of an Earthquake indicates the quantity of energy released by an earthquake at the source point, which is measured using the Mercalli Scale.
4. The US Geological Survey is a responsible institution for measuring and assessing Earthquakes across the world.

Which of the statements given above are not Correct?

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

7. Which of the following statements regarding Aphelion is not correct?

- (a) Aphelion is the position at which the Earth is at its farthest from the Sun.
- (b) The Earth is at Aphelion in the early month of July, which is 152 million km away from the Sun.
- (c) Being farthest from the Sun, the Earth experiences a significant drop in temperature.
- (d) The varying distance between the Sun and the Earth does not cause seasons.

8. Consider the following statements:

1. The halocline is an ocean layer where salinity changes most rapidly with depth.
2. Pycnocline refers to the rapid change in density with depth.
3. The Arabian Sea experiences less salinity than the Bay of Bengal due to the influence of the southwest monsoon.

Which of the statements given above is/are Correct?

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

9. Consider the following statements:

1. Atlantic meridional overturning circulation distributes heat and energy from the equatorial to the polar region.

2. AMOC is driven by thermohaline differences.
3. North Atlantic drift decreases the severity of winter in Western Europe.
- 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
10. Falkland Island recently seen in news is a Disputed area between:
- (a) Brazil and Argentina  
(b) UK and Argentina  
(c) Brazil and UK  
(d) Brazil and Paraguay
11. Why are cyclones not formed despite high temperature and moisture near the equator?
1. Due to negligible Coriolis force.
  2. Convergence of trade winds from subtropical high-pressure belts from both the Hemisphere.
- 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
12. Why are the Major hot deserts in the northern Hemisphere located between 20-30 degrees north and on the western side of the continents?
1. The incidence of warm currents along the western coastal regions causes the onshore winds dry.
  2. The relative humidity is extremely high, making condensation almost impossible.
- Which of the statements given above is/are not correct?
- (a) 1 only      (b) 2 only  
(c) Both 1 and 2      (d) Neither 1 nor 2
13. Which of the following conditions may cause cloud formation and precipitation?
1. Condensation Nuclei
  2. Volcanism
  3. Convectional current
  4. Active cold front
- Select the correct answer using the codes given below:
- (a) 1 and 2 only      (b) 2 and 3 only  
(c) 1 and 4 only      (d) 1, 2, 3 and 4
14. Consider the following statements regarding Hot springs.
1. These springs are found in areas of present or past volcanic activity.
  2. Hot springs which emit fountains of hot water and steam at almost regular intervals are called geysers.
- 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
15. Which of the following is an atmospheric phenomenon associated with reduction in visibility in low humidity conditions?
- (a) Mist      (b) Fog  
(c) Haze      (d) Sleet
16. Consider the following statements:
1. In cyclones, pattern of wind direction is always anticlockwise.
  2. In Anticyclones, high pressure condition is present at the Centre.
- Choose the correct option.
- (a) Both 1 and 2 are correct  
(b) Only 2 is correct  
(c) Only 1 is correct  
(d) Both 1 and 2 are wrong
17. Other than the largest water reservoirs (oceans, ice caps), which among the following has the highest percentage of water on earth surface?
- (a) soil moisture      (b) Rivers and streams  
(c) Lakes      (d) Ground water
18. Which of the following is a longitudinal coast where mountains run parallel to the coast?
- (a) Ria coast      (b) Fiord coast  
(c) Dalmatian coast      (d) Estuarine coast
19. Which of the following are associated with mature stage of river profile?
1. River capture
  2. River cliffs
  3. Interlocking spurs
  4. Meanders
- Choose the correct option:
- (a) 1, 2      (b) 2, 3  
(c) 2, 3, 4      (d) None
20. Consider the following statements:
1. All plate boundaries over the earth are associated with volcanism and earthquakes.
  2. Destructive plate boundaries are producing intensive earthquakes over the earth

- Which of the above statements are correct:  
 (a) 1 only (b) 2 only  
 (c) both 1 and 2 (d) None
21. Which of the following phenomena might have influenced the evolution of organisms?  
 1. Continental drift  
 2. Glacial cycles  
 Choose the correct Answer:  
 (a) Only 1 (b) Only 2  
 (c) Both 1 and 2 (d) Neither 1 nor 2
22. Consider the following with reference to temperate grasslands of the world:  
 1. Prairies - North America  
 2. Steppes - Eurasia  
 3. Downs - South Africa  
 4. Manchurian - China  
 How many pairs given above are correctly matched:  
 (a) One pair only (b) Only Two pairs  
 (c) Only Three pairs (d) All the four pairs
23. With respect to types of Droughts, consider the following statements:  
 1. Meteorological Drought occurs when the availability of water in different storages and reservoirs falls below what the precipitation can replenish.  
 2. Agricultural Drought is a situation when there is a prolonged period of inadequate rainfall marked with mal-distribution of the same over time and space.  
 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
24. Consider the following with reference to ocean relief features:  
 1. Continental rise  
 2. Continental Slope  
 3. Continental shelf  
 4. Abyssal plain  
 Arrange the given above features from deep sea to shoreline?  
 (a) 3-2-1-4 (b) 3-1-2-4  
 (c) 4-1-2-3 (d) 3-2-4-1
25. Consider the following statements with reference to Sea of Marmara sometimes seen in news:  
 1. It is part of the Russia.  
 2. It connects the Black Sea to the Aegean Sea.  
 3. Snake island lies in the sea of Marmara.  
 Which of the following statements given above is/are correct:  
 (a) 2 only (b) 1 and 3 only  
 (c) 2 and 3 only (d) 1, 2 and 3
26. Consider the following statements with reference to Typhoon:  
 1. It draws its energy from the warm sea surface.  
 2. It characterized by highly vertical development of cumulonimbus clouds.  
 3. Generally, it is concentrated near equatorial region.  
 4. Recently, typhoon Noru occurred in Japan.  
 Which of the following given statements given above is/are correct:  
 (a) 1 and 2 only (b) 1, 2 and 3 only  
 (c) 2, 3 and 4 only (d) 1 and 4 only
27. What is the primary habitat of a gharial?  
 (a) Forested areas  
 (b) Deserts  
 (c) Freshwater rivers and streams  
 (d) Coastal waters
28. A state in India has the following characteristics:  
 1. Its northern part is arid and semi-arid.  
 2. Its central part produces cotton.  
 3. Cultivation of cash crops is predominant over food crops.  
 Which one of the following states has all of the above characteristics?  
 (a) Andhra Pradesh (b) Gujarat  
 (c) Karnataka (d) Tamil Nadu
29. With reference to the wetlands of India, consider the following statements:  
 1. The country's total geographical area under the category of wetlands is recorded more in Gujarat as compared to other States.  
 2. In India, the total geographical area of coastal wetlands is larger than that of inland wetlands.  
 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
30. When you travel in Himalayas, you will see the following:  
 1. Deep gorges

2. U-turn river courses
  3. Parallel mountain ranges
  4. Steep gradients causing land-sliding
- Which of the above can be said to be the evidences for Himalayas being young fold mountains?

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

31. Consider the following statements:

1. Natural gas occurs in the Gondwana beds.
2. Mica occurs in abundance in Kodarma.
3. Dharwars are famous for petroleum.

Which of the statements given above is/are correct?

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

32. Consider the following pairs:

- | <b>Hills</b>      | <b>Regions</b>     |
|-------------------|--------------------|
| 1. Cardamom Hills | : Coromandel Coast |
| 2. Kaimur Hills   | : Konkan Coast     |
| 3. Mahadeo Hills  | : Central India    |
| 4. Mikir Hills    | : North-East India |

Which of the above pairs are correctly matched?

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

33. Which of the following has/have been accorded 'Geographical Indication' status?

1. Banaras Brocades and Sarees
2. Rajasthani Daal-Bati-Churma
3. Tirupathi Laddu

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

34. With reference to river Teesta, consider the following statements:

1. The source of river Teesta is the same as that of Brahmaputra but it flows through Sikkim.
2. River Rangeet originates in Sikkim and it is a tributary of River Teesta.
3. River Teesta flows into Bay of Bengal on the border of India and Bangladesh.

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

35. Consider the following pairs:

- | <b>Famous place</b> | <b>River</b>   |
|---------------------|----------------|
| 1. Pandharpur       | : Chandrabhaga |
| 2. Tiruchirapalli   | : Cauvery      |
| 3. Hampi            | : Malaprabha   |



Which of the pair given above are correctly matched

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

36. With reference to India, Didwana, Kuchaman, Sargol and Khatu are the names of

- (a) Glaciers              (b) Mangrove areas  
(c) Ramsar sites      (d) Saline lakes

37. Why does the Tamil Nadu coast remain dry during southwest monsoon?

1. It is situated parallel to the Bay of Bengal branch of southwest monsoon.
2. Low pressure conditions due to high temperature.
3. It lies in the rainshadow area of the Arabian Sea Branch of the south west monsoon.

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

38. Which one of the following best describes the main objective of 'Seed Village Concept'?

- (a) Encouraging the farmers to use their own farm seeds and discouraging them to buy and seeds from others
- (b) Involving the farmers for training in quality seed production and thereby to make available quality seeds to others at appropriate time and affordable cost
- (c) Earmarking some villages exclusively for the production of certified seeds
- (d) Identifying the entrepreneurs in villages and providing them technology and finance to set up seed companies.

39. Which one of the following is not correctly matched?

- (a) Indira Gandhi Canal Project–Rajasthan and Punjab
- (b) Beas Project–Rajasthan, Punjab and Haryana
- (c) Chambal Project–Rajasthan, Punjab and Haryana
- (d) Mahi Bajaj Sagar Project–Gujarat and Rajasthan

40. Which of the following is/are Ramsar wetland sites in India?

1. Kabartal Wetland
2. Lonar Lake
3. Asan Conservation Reserve

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) All of these
41. Which of the following project was started with the name of 'Amrit Kranti' and is considered as a successful initiative taken towards the direction of connecting the entire major rivers of the country?  
(a) Ken-Betwa Link Project  
(b) Sutlej-Yamuna Link Project  
(c) Sardar Sarovar Project  
(d) Kisenganga Project
42. In which one of the following States, Mangla, Bhagyam and Aishwarya oil fields are located?  
(a) Assam                      (b) Gujarat  
(c) A.P.                          (d) Rajasthan
43. Consider the following statements about Tank irrigation.
1. Tank irrigation is an important source of irrigation.
  2. It is widely prevalent in Karnataka plateau, eastern M.P. eastern Maharashtra, Bundelkhand, Rajasthan and Tamil Nadu.
  3. Although practiced in areas of Gujarat and Odisha also but the traditional area is Tamil Nadu.
- Which of the statements given above is/are correct?  
(a) Only 1                      (b) 1 and 2 only  
(c) 3 only                        (d) All of these
44. The lower Gangetic plain is characterized by humid climate with high temperature throughout the year. Which one among the following pairs of crops is most suitable for this region?  
(a) Paddy and Cotton  
(b) Wheat and Jute  
(c) Paddy and Jute  
(d) Wheat and Cotton
45. Consider the following pairs:
- | <b>Plantation crop</b> | <b>Top producer</b> |
|------------------------|---------------------|
| 1. Banana :            | India               |
| 2. Rubber :            | Congo               |
| 3. Cocoa :             | Brazil              |

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

- (a) 1 only                      (b) 1 and 2 only  
(c) 2 and 3 only              (d) 1, 2 and 3
46. Match List-I with List-II and select the correct answer using the code given below the lists
- List-I (Shipyards)**
- A. Garden Reach
  - B. Hindustan Shipyard
  - C. Mazgaon Docks
  - D. Cochin Shipyard
- List-II (States)**
1. Andhra Pradesh
  2. Maharashtra
  3. Kerala
  4. West Bengal
- Code**
- |     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 2 | 4 | 1 | 3 |
| (b) | 4 | 1 | 2 | 3 |
| (c) | 3 | 1 | 4 | 2 |
| (d) | 4 | 3 | 2 | 1 |
47. Which one of the following is the correct sequence of the given tiger reserves of India from north to south?  
(a) Dudwa – Kanha – Indravati – Bandipur  
(b) Kanha – Bandipur – Dudwa – Indravati  
(c) Indravati – Kanha – Dudwa – Bandipur  
(d) Dudwa – Kanha – Bandipur – Indravati
48. Which of the following factors can influence the distribution of population?  
1. Mineral deposits  
2. Availability of water  
3. Topography  
4. Urbanisation
- Select the correct answer using the code given below.  
(a) 1 and 2 only              (b) 2, 3 and 4 only  
(c) 1, 3 and 4 only              (d) 1, 2, 3 and 4
49. What is the correct sequence of hill stations according to height above mean sea level in descending order?  
(a) Kodaikanal, Darjeeling, Shimla and Mahabaleshwar  
(b) Shimla, Kodaikanal, Darjeeling and Mahabaleshwar  
(c) Kodaikanal, Shimla, Mahabaleshwar and Darjeeling  
(d) Mahabaleshwar, Shimla, Darjeeling and Kodaikanal

50. The Karakoram Highway connects which of the following pairs of countries?  
 (a) India-Nepal (b) India-China  
 (c) India-Pakistan (d) China-Pakistan
51. Which of the following industry is not a service sector industry?  
 (a) Petroleum refining  
 (b) Insurance  
 (c) Banking  
 (d) Education
52. Which of the following States has explored the possibility of constructing an artificial inland port to be connected to sea by a long navigational channel?  
 (a) Andhra Pradesh (b) Chhattisgarh  
 (c) Karnataka (d) Rajasthan
53. What are the significances of a practical approach to sugarcane production known as 'Sustainable Sugarcane Initiative'?
1. Seed cost is very low in this compared to the conventional method of cultivation.
  2. Drip irrigation can be practiced very effectively in this.
  3. There is no application of chemical/ inorganic fertilizers at all in this.
  4. The scope for intercropping is more in this compared to the conventional method of cultivation.
- Select the correct answer using the code given below.  
 (a) Only 1 and 2 (b) Only 1, 2 and 4  
 (c) Only 2, 3 and 4 (d) 1, 2, 3 and 4
54. The climate of India is mainly tropical because  
 (a) of the location of the Himalayas in its North  
 (b) major part of India lies within the tropics  
 (c) of the overpowering influence of India Ocean  
 (d) of the seasonal influence of jet streams
55. Among the following Union Territories of India, which one has the largest size ?  
 (a) Pondicherry (b) Lakshadweep  
 (c) Daman and Diu (d) Chandigarh
56. Duncan Passage is situated between  
 (a) Minicoy and Amindiv  
 (b) Minicoy and Maldives  
 (c) Little Andaman and Car Nicobar  
 (d) South Andaman and Little Andaman
57. Ten Degree Channel is between  
 (a) Dover and Calais  
 (b) Alaska and Russia  
 (c) Little Andaman and Car Nicobar  
 (d) North Korea and South Korea
58. If the usual rule of calculation of time were applied for the extremes of Gujarat and Arunachal Pradesh, then approximately time  
 (a) at Gujarat would be ahead of that at Arunachal Pradesh by about 3 hours  
 (b) at Gujarat would be ahead of that at Arunachal Pradesh by about 2 hours  
 (c) at Arunachal Pradesh would be ahead of that at Gujarat by about 3 hours  
 (d) at Arunachal Pradesh would be ahead of that at Gujarat by about 2 hours
59. 'Indian Standard Meridian' passes through the states of UP, MP :  
 (a) AP and Karnataka  
 (b) AP and Tamil Nadu  
 (c) Karnataka and Tamil Nadu  
 (d) Odisha and AP
60. Which foreign country is closest to Andaman Islands ?  
 (a) Sri Lanka (b) Myanmar  
 (c) Indonesia (d) Pakistan
61. The states which have common borders with China are  
 1. Jammu and Kashmir.  
 2. Sikkim  
 3. Arunachal Pradesh  
 4. Himachal Pradesh.  
 (a) 1, 3 and 4 (b) 1, 2 and 3  
 (c) 1 and 3 (d) 1, 2, 3 and 4.
62. The State with the largest area under waste land is  
 (a) Gujarat  
 (b) Madhya Pradesh  
 (c) Jammu and Kashmir  
 (d) Rajasthan
63. Which one of the following is the correct sequence of the age of formation from the youngest to the oldest- of the given mountain ranges ?  
 (a) Himalayas, Vindhyas, Western Ghats, Deccan Traps.  
 (b) Deccan Traps, Western Ghats, Vindhyas, Himalayas  
 (c) Himalayas, Western Ghats, Vindhyas, Deccan Traps  
 (d) Vindhyas, Himalayas, Deccan Traps, Western Ghats.

64. Arakan Yoma is the extension of the Himalayas located in

- (a) Kashmir (b) Nepal  
(c) Baluchistan (d) Myanmar

65. Match the following:

A. Pir Panjal	1. Arunachal Pradesh
B. Dhauladhar	2. Uttarakhand
C. Nag Tibba	3. Jammu and Kashmir
D. Mishimi Hills	4. Himachal Pradesh

- (a) A – 4, B – 3, C – 1, D – 2.  
(b) A – 3, B – 4, C – 2, D – 1.  
(c) A – 3, B – 4, C – 1, D – 2.  
(d) A – 4, B – 3, C – 2, D – 1.

66. Which one of the following mountains is not the part of Eastern Ghats ?

- (a) Sheravoy hills (b) Javadi hills  
(c) Nallamala hills (d) Elamalai hills

67. Which one of the following statements is NOT correct ?

- (a) Black cotton soil of north-west India was formed by the weathering of basaltic lava rocks  
(b) Sedimentary rocks are distinguished from other types of rocks by the presence of distinct layers  
(c) Granite has large crystals of quartz, feldspar and mica in it  
(d) A metamorphic rock is softer and less compact than its original type

68. The correct sequence of the different sections of the Himalayas in terms of their stretch (in kilometre) in the descending order is

- (a) Punjab Him, Kumaon Him, Nepal Him., Assam Him.  
(b) Nepal Him, Assam Him, Punjab Him, Kumaon Him.  
(c) Kumaon Him., Nepal Him, Assam Him, Punjab Him,  
(d) Nepal Him, Assam Him, Kumaon Him., Punjab Him.

69. Which of the following is not true with regard to the coastal plains of India ?

- (a) The west coast has a narrow alluvial margin interspersed by hilly terrain  
(b) The eastern coast has a wide plain with well developed deltas of the major rivers  
(c) The west coast has little indentation except towards the south  
(d) The west and east coasts, have the same alluvial features

70. Arrange the following hill ranges in order from north to south

- (1) Nallamala Hills  
(2) Nilgiri  
(3) Anaimalai  
(4) Cardamon Hills

- (a) I, IV, III, II (b) I, II, III, IV  
(c) II, I, III, IV (d) I, II, IV, III

71. Which of the following gives the correct sequence of hills in the east-west direction ?

- (a) Naga, Mikir, Khasi, Garo  
(b) Garo, Khasi, Mikir, Naga  
(c) Khasi, Garo, Naga, Mikir  
(d) Mikir, Naga, Khasi, Garo

72. Match the following:

Pass	State
A. Zoji La Pass	1. Sikkim
B. Bara Lacha Pass	2. Uttarakhand
C. Jelep La Pass	3. Himachal Pradesh
D. Niti Pass	4. Jammu and Kashmir

- (a) A – 4, B – 1, C – 3, D – 2  
(b) A – 2, B – 3, C – 1, D – 4  
(c) A – 4, B – 3, C – 1, D – 2  
(d) A – 2, B – 1, C – 3, D – 4

73. Which one of the following statements is wrong regarding the “Vale of Kashmir” ?

- (a) It is a synclinal valley  
(b) It is situated ‘between the Pir Panjal Range and the Lesser Himalayas  
(c) It is drained by the river Jhelum  
(d) Previously it was a bed of a great lake, subsequently uplifted.

74. Considering the location of mountains in India which one of the following is in right sequence from south to north ?

- (a) Dodabetta, Kailash, Dhaulagiri, Vindhyachal  
(b) Dodabetta, Vindhyachal, Dhaulagiri, Kailash.  
(c) Dhaulagiri, Kailash, Dodabetta, Vindhyachal  
(d) Dhaulagiri, Vindhyachal, Dodabetta, Kailash

75. The highest peak of the Himalayas in India is in

- (a) Uttar Pradesh (b) Kashmir  
(c) Sikkim (d) Himachal Pradesh

76. Which one of the following statements is not correct ?

- (a) The Western Ghats are relatively higher in their northern region  
 (b) The Anai Mudi is the highest peak in the Western Ghats  
 (c) Tapi river lies to the south of Satpura  
 (d) The Narmada and the Tapi river valleys are said to be old rift valleys
77. Amritsar and Shimla are almost on the same latitude, but their climate difference is due to  
 (a) the difference in their altitudes  
 (b) their distance from sea  
 (c) snowfall in Shimla  
 (d) pollution in Amritsar
78. Consider the following statements :  
 1. The equatorial forests are evergreen  
 2. The Mediterranean region has deciduous forests of broad leaved trees  
 3. Taiga forests are found in Kashmir  
 Which of the statements given above are correct ?  
 (a) 1 and 2                      (b) 2 and 3  
 (c) 1 and 3                      (d) 1, 2 and 3
79. The present demographic transition of India is indicative of  
 (a) High population growth potential but low actual growth  
 (b) High population growth potential and high actual growth  
 (c) Partial industrialized economy  
 (d) Typically increasing urbanization
80. Which among the following river originate inside the Odisha state ?  
 (a) Subernrekha                (b) Mahanadi  
 (c) Baitarani                    (d) Brahmani
81. Baitarani river forms boundary between Odisha and \_\_\_\_\_ State ?  
 (a) Jharkhand                  (b) Maharastra  
 (c) Chattisgarh                (d) Andra Pradesh
82. Which of the following reservoir project is a joint venture between Odisha and Andra Pradesh ?  
 (a) Balimela                    (b) Hirakud  
 (c) Rengil                        (d) Salia
83. Consider the following statements:  
 1. Deciduous forests shed their leaves in a particular season to conserve loss of moisture through transpiration.  
 2. Evergreen forests never shed their leaves so they appear evergreen throughout the year.  
 Which any the above statements is/are correct ?  
 (a) 1 only                        (b) 2 only  
 (c) Both 1 and 2                (d) Neither 1 nor 2.
84. Caribou is  
 (a) The summer hut in which Eskimos live  
 (b) The winter hut in which Eskimos live  
 (c) The reindeer in America which Eskimos hunt  
 (d) Permanent wooden houses with modern facilities in Tundra coastal villages.
85. Consider the following statements:  
 1. The cool temperate eastern margin climate is an intermediate type of climate  
 2. The Laurentian type of climate has cold dry winters and warm wet summers.  
 Which of the above statements is/are correct?  
 (a) Only 1                        (b) Only 2  
 (c) Both 1 and 2                (d) neither 1 nor 2.
86. Consider the following statements:  
 1. the conifer has a two-year fructification cycle.  
 2. The coniferous forests are luxuriant and contain trees of various heights  
 Which of the above statements is/are correct?  
 (a) Only 1                        (b) Only 2  
 (c) Both 1 and 2                (d) neither 1 nor 2.
87. Consider the following statements:  
 1. The Siberian climate is conspicuously absent in the southern hemisphere.  
 2. The cool temperate continental (Siberian) climate is experienced only in the northern hemisphere  
 Which of the above statements is/are correct?  
 (a) Only 1                        (b) Only 2  
 (c) Both 1 and 2                (d) neither 1 nor 2.
88. Consider the following statements:  
 1. The cool temperate western margin are under the permanent influence of the Easterlies all round the year.  
 2. The cool Temperate Western margins are also the regions of much cyclonic activity.  
 Which of the above statements is/are correct?  
 (a) Only 1                        (b) Only 2  
 (c) Both 1 and 2                (d) neither 1 nor 2.



89. Which one of the following is the cause of long term sea-level change ?

- (a) Atmospheric disturbance
- (b) Change in marine water density
- (c) Melting of icebergs
- (d) Melting of ice sheets

90. Which of the following Indian regions represents 'Cold, Humid winters type with short summer' as per Koppen's Climatic Classification ?

- 1. Sikkim
- 2. Mountain areas of Uttarakhand
- 3. Arunachal Pradesh

Which of the above matched pairs is/are correct ?

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

91. Which of the following statements is/are correct with reference to Sub-tropical Dry Evergreen Forests ?

- 1. They are found in the Bhabar, the Shiwaliks and the Western Himalayas up to about 1000 metres above sea level.
- 2. The summers are sufficiently hot and winters are very cold.
- 3. Olive, acacia, modesta and pistacia are the most predominant species
- 4. The annual rainfall is between 50-100 cm in this region.

Select the correct answer using the codes given below:

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

92. With the reference to winter season in India, consider the following statements:

- 1. The diurnal range of temperature, especially in interior parts of the country, is very high.
- 2. The amount of rainfall gradually decreases from the north and north-west to east during this season.
- 3. The divergence induced by Subtropical Jet Stream coupled with low temperatures causes high pressure in this season.

Which of the above matched pairs is/are correct ?

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

93. Which of the following is/are correct with regard to Tropical Easterly Jet ?

1. It is an unique and dominant phenomenon of the Northern hemispheric Summer over Southern Asia and Northern Africa.

2. The Tropical Easterly jet is found between 5 and 20 degrees North

3. The Easterly Jet doesn't come into existence if the snow over the Tibetan Plateau does not melt

Select the correct answer using the codes given below:

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

94. Which of the following mineral resources are correctly matched with their locations ?

Minerals : Region/ Location in India

1. Iron Ore : Durg – Bastar-Chandrapur-belt.

2. Manganese : Kudremukh.

3. Bauxite : Koraput

4. Copper : Singhbhum

Select the correct answer using the codes given below:

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

95. Which of the following statements is/are correct about Western Cyclonic Disturbances?

1. They cause heavy rainfall over the north and north-western regions of the country during winter.

2. They are beneficial for the cultivation of Kharif crops.

3. they originate over the Mediterranean sea and move into India.

Select the correct answer using the code given below:

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

96. Choose the correct statement(s) about the syntaxial bends of the Himalayas.

1. The western syntaxial bend is near Nanga Parbat where Indus has cut a deep gorge.

2. The eastern syntaxial bend is in Arunachal Pradesh after crossing Brahmaputra river.

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.

97. In Artificial Insemination (AI) process, which of the following is/are introduced into the uterus of the female ?

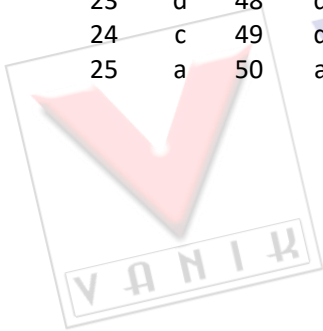
- (a) Egg only                      (b) Fertilised egg  
(c) Sperms only                (d) egg and Sperm.
98. Which one of the following statements is correct ? The velocity of sound
- (a) does not depend upon the nature of media  
(b) is maximum in gases and minimum in liquids  
(c) is maximum in solids and minimum in liquids  
(d) is maximum in solids and minimum in gases.
99. Which of the following are left bank tributaries of River Cauvery ?
1. Noyyil
  2. Amaravati
  3. Shimsha
4. Arkavathy
- Select the correct answer using the codes given below:
- (a) 1, 2 and 3                      (b) 2, 3 and 4  
(c) 3 and 4 only                      (d) 1, 2, 3 and 4.
100. Mizoram is known as "Molasses Basin". What is it made up of ?
- (a) Soft consolidated sediments that are cemented together  
(b) Soft Unconsolidated deposits of terrestrial or marine origin  
(c) Soft Consolidated sediments of terrestrial or marine origin  
(d) Soft Unconsolidated deposits that are cemented together.



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**ANSWERS KEYS**

1	a	26	a	51	d	76	a
2	c	27	c	52	b	77	a
3	c	28	b	53	a	78	d
4	c	29	a	54	a	79	d
5	d	30	d	55	d	80	c
6	b	31	b	56	c	81	a
7	b	32	c	57	c	82	a
8	d	33	c	58	d	83	a
9	a	34	b	59	b	84	c
10	b	35	a	60	b	85	c
11	a	36	d	61	b	86	a
12	c	37	c	62	a	87	b
13	d	38	b	63	d	88	a
14	c	39	c	64	b	89	b
15	c	40	d	65	d	90	b
16	b	41	a	66	d	91	c
17	d	42	d	67	b	92	d
18	c	43	d	68	c	93	d
19	c	44	c	69	d	94	a
20	b	45	a	70	b	95	c
21	c	46	b	71	a	96	c
22	c	47	a	72	c	97	c
23	d	48	d	73	b	98	d
24	c	49	d	74	b	99	c
25	a	50	a	75	c	100	b



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