

1. 'Mukhyamantri Yuva Karya Prashikshan Yojana' recently seen in the news is proposed by
 - A. Assam
 - B. Uttar Pradesh
 - C. Maharashtra**
 - D. Rajasthan
2. With reference to the Araku Coffee, which of the following statements is/are correct?
 1. It is cultivated in the hilly terrains of the Andhra Pradesh and the Odisha region.
 2. It received the Geographical Indication (GI) tag in 2019.

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
3. Consider the following statements:

Statement I: Most of the big ports in India are situated on western coast of India.

Statement II: Western Coast of India is submergent coast.

Which one of the following is correct in respect of the above statements?

 - A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I**
 - B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
 - C. Statement-I is correct but Statement-II is incorrect
 - D. Statement-I is incorrect but Statement-II is correct
 4. Consider the following statements with reference to the Pradhan Mantri Schools for Rising India (PM SHRI) scheme:
 1. It is a central sector scheme that aims to establish over 14,500 PM SHRI Schools.
 2. This scheme aligns with the vision of the National Education Policy 2020.

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

5. The term Kokborok is related to
 - A. Ethnic community in Lakshadweep.
 - B. Tribal language in North East.**
 - C. Primate species found in Africa.
 - D. Medicinal tree species.
6. Consider the following statements about District Mineral Foundations (DMFs):
 1. DMFs are established in all districts of a state to ensure equitable distribution of funds for development.
 2. The Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY) is implemented through DMFs to cater to the welfare of people and areas affected by mining.

Which of the above statements is/are correct?

- A. 1 only
- B. 2 only**
- C. Both 1 and 2
- D. Neither 1 nor 2

7. Consider the following pairs:

<i>Desert</i>	<i>Continent</i>
1. Kalahari desert	Africa
2. Namib desert	South America
3. Mojave desert	North America

How many of the above pairs are correctly matched?

- A. Only one
- B. Only two**
- C. All three
- D. None

8. Consider the following statements regarding Tsunamis:
 1. They are a kind of earthquake having an epicentre below the oceanic waters.
 2. The height of the waves is inversely proportional to the depth of the water.

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

9. With reference to International Maritime Organization (IMO), consider the following statements:

1. It is a specialised agency of the United Nations responsible for regulating maritime transport.
2. IMO came into existence in 1958.

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. Consider the following statements with reference to Savanna Climate:

1. Highest temperature in the Savanna climate happens in the month of May and June in the Northern Hemisphere.
2. Savanna forests are mostly present between tropics on the eastern margins of Africa and western margin of South America.

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**

11. With reference to Spur-winged lapwing, consider the following statements:

1. It is a bird that prefers for marshes and similar freshwater wetland habitats.
2. It is native to India.

Which of the statements given above is/are correct?

- A. 1 only**
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

12. Consider the following statements with reference to favourable conditions for temperature inversion:

1. A long winter night with clear sky helps in creating the phenomenon of temperature inversion.
2. In mountain valley of tropical areas temperature inversion is common throughout the year

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

13. Consider the following statements:

1. Latitude is the linear distance of a point on the earth's surface measured in degrees from the equator.
2. Longitude is an angular distance, measured in degrees along the equator east or west of the prime meridian.

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

14. Which of the following statements is/are correct regarding the Nine-Dash Line?

1. The Nine-Dash Line is a visual representation of China's claims on Chinese official maps in the South China Sea.
2. It covers almost 90% of the South China Sea and overlaps with the Exclusive Economic Zone claims of Brunei, Indonesia, Malaysia, the Philippines, Taiwan, and Vietnam.
3. The claims by China under the Nine-Dash Line were rejected by a UN Tribunal in 2016.

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

15. Consider the following statements with reference to Red and Yellow soil in India:

1. They develop on crystalline igneous rocks in areas of low rainfall.
2. The reddish color of the soil is due to the diffusion of Iron.

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

16. With reference to Koeppen's scheme of climate classification, consider the following pairs:

Type of Climate	Associated Region
1. As	West Coast of India
2. E	Jammu and Kashmir
3. Aw	Western Rajasthan
4. Cwg	Gangetic Plains

How many of the pairs given above are correctly matched?

- A. Only one
- B. **Only two**
- C. Only three
- D. All four

17. With reference to the Raisina dialogue, consider the following statements:

1. It is an annual conference on geopolitics and geo-economics.
2. It is hosted by NITI Aayog.

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. Arrange the following types of soil in India on the basis of their percentage share of occurrence:

- A. Black Soil > Red soil > Alluvial Soil > Peaty Soil

- B. Alluvial Soil > Black Soil > Red Soil > Peaty Soil

- C. **Alluvial Soil > Red Soil > Black Soil > Peaty Soil**

- D. Black Soil > Alluvial Soil > Red Soil > Peaty Soil

19. Consider the following statements:

Statement I: The shadow zone of the S-wave is greater than that of the P-waves.

Statement-II: S-waves are secondary and arrive at the surface with some lag.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I.
- B. **Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I.**
- C. Statement-I is correct but Statement-II is incorrect.
- D. Statement-I is incorrect but Statement-II is correct.

20. Which of the following reasons may be attributed to excessive cold in North India during the winter season?

1. Cold winds coming from the Caspian Sea
2. Early-onset of easterly jet streams
3. Continentality of the north Indian region

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

21. With reference to the 'Chagos Islands', consider the following statements:

1. It is located at the north of the Maldives.
2. It remains a point of contention between the United Kingdom and Mauritius.

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

22. “It is a basin with mountains and hills around, where the drainage is towards the center of the basin, and due to gradual deposition of sediments from basin margins, a nearly level plain forms at the center of basin”.

The above landform is best described by which of the following?

- A. Playas**
- B. Sand Dunes
- C. Pediments
- D. Pediplain

23. Consider the following statements with reference to Sand Dunes:

1. Barchans are formed in the areas of varying wind speeds
2. The presence of vegetation hinders the process of formation of sand dunes
3. Sand dunes cannot form perpendicular to the direction of wind movement

How many of the statements given above is/are correct?

- A. Only one
- B. Only two
- C. All three
- D. None**

24. Consider the following with reference to karst landform:

1. Karst region has very little surface drainage.
2. Stalactites and stalagmites are both depositional features of karst landform.

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

25. With reference to hologram technology, consider the following statements:

1. Holograms are two-dimensional images that appear three-dimensional under specific lighting conditions.

2. The principles of interference and diffraction are fundamental to the creation of holograms.
3. Holograms are primarily used in the entertainment industry for creating visual effects.

How many of the statements given above are correct?

- A. Only one**
- B. Only two
- C. All three
- D. None

26. Consider the following statements regarding soils:

1. The younger soils show similarity with the parent material.
2. Soils in hot tropical regions exhibit shallower profiles.
3. Humus accumulation is a characteristic feature of the soils in the subarctic regions.

How many of the statements given above are correct?

- A. Only one
- B. Only two**
- C. All Three
- D. None

27. Consider the following statements regarding the structure of the atmosphere:

1. The troposphere reaches its maximum thickness around the 30-degree latitudes, both north and south of the equator.
2. The zone separating the stratosphere from the troposphere is known as the stratopause.
3. The ionosphere is located above the mesopause.

Which of the statements given above is/are correct?

- A. 1 and 2 only
- B. 1 only
- C. 2 and 3 only
- D. 3 only**

28. The famous Subika painting style is deeply connected to the cultural history of which of the following communities?

- A. Meitei
- B. Munda
- C. Kuki
- D. Naga

29. Consider the following statements:

Statement I: Graphite is a soft material due to weak van der Waals forces between its layers.

Statement II: The use of graphite in nuclear reactors is primarily due to its excellent heat-resistant properties.

Which of the above given statements is/are correct?

- A. Both statements are correct.
- B. Both statements are incorrect.
- C. **Statement I is correct, but Statement II is incorrect.**
- D. Statement II is correct, but Statement I is incorrect.

30. Consider the following statements with reference to the local time and the standard time:

- 1. The local time changes with the change in the longitudes.
- 2. At the standard meridian of a country both local and standard times are the same.

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

31. Consider the following statements about India-Bangladesh relations:

- 1. Bangladesh is India's largest trade partner in South Asia.
- 2. Since 2022, India and Bangladesh have had a Free Trade Agreement.
- 3. Recently, India-Bangladesh opened trade through Maia (West Bengal) - Sultanganj (Bangladesh) river ports on the Ganga River.

How many of the above statements are correct?

- A. Only one
- B. **Only two**
- C. All three
- D. None

32. Consider the following statements:

- 1. Dhansiri River forms a natural boundary between Karbi Anglong (Assam) and Arunachal Pradesh.
- 2. The main tributaries of the Tizu River are river Zunki, Lanye and Likimro.

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 is mainly responsible for transmitting heat from Earth to Atmosphere?

- A. Shortwave solar radiation
- B. Short wave terrestrial radiation
- C. **Long wave terrestrial radiation**
- D. Scattered Solar Radiation

34. 'Shahpur Kandi barrage' is situated on which of the following rivers?

- A. **Ravi**
- B. Jhelum
- C. Chenab
- D. Sutlej

35. Consider the following statements:

- 1. The Tamil Nadu coast is situated parallel to the Bay of Bengal branch of the southwest monsoon.
- 2. The Tamil Nadu coast lies in the rain shadow area of the Arabian Sea branch of the southwest monsoon.
- 3. The occurrence of cyclonic storms in the Bay of Bengal.

Which of the statements given above are correct explanations of the Tamil Nadu coast being remained dry during the southwest monsoon?

- A. **1 and 2 only**
- B. 1 and 3 only
- C. 2 and 3 only
- D. 1, 2 and 3

36. With reference to the Himalayan and the Peninsular Rivers, consider the following statements:

1. Himalayan rivers are perennial while Peninsular Rivers are seasonal in nature.
2. Peninsular rivers generally follow straight courses whereas in the Himalayan Rivers meandering by rivers is very prominent.

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

37. In India, the Tropic of Cancer passes through which of the following states?

1. Gujarat
2. Chhattisgarh
3. Tripura
4. Manipur

How many of the above options are correct?

- A. 1 and 4 only
- B. 2, 3 and 4 only
- C. 1, 2 and 3 only**
- D. 1, 2, 3 and 4

38. Consider the following:

1. Western Ghats
2. Eastern Himalaya
3. Sundarban
4. Indo Burma
5. Sundaland
6. Terai-Duar

How many of the above are the recognised biodiversity hotspots in India?

- A. Only three
- B. Only four**
- C. Only five
- D. All six

39. Consider the following statements regarding the Andaman and Nicobar Islands:

1. Andaman Islands and Nicobar Islands are separated by the Ten-degree channel.
2. These islands are an elevated portion of submarine mountains.

3. The Andaman and Nicobar Islands lie in the South-east direction to the mainland of India.

How many of the above statements are correct?

- A. Only one
- B. Only two
- C. All three**
- D. None

40. Consider the following statements with reference to thermohaline circulation:

1. The surface ocean drastically changes its salinity and density in the process of upwelling and downwelling.
2. The process of thermohaline circulation ensures fast exchange of water between poles and tropics.
3. The surface ocean water movement leads to maximum transfer of water between poles and equator.

How many of the statements given above is/are correct?

- A. Only one
- B. Only two
- C. All three
- D. None**

41. Consider the following statements regarding the Musi River:

1. It is a tributary to the Krishna River.
2. Visakhapatnam is located on the bank of this river.

Which of the statements given above is/are correct?

- A. 1 only**
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

42. Consider the following statements about the recently launched scheme, Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana (PMMKSSY):

1. It is a Centrally Sponsored Scheme under the Pradhan Mantri Matsya Sampada Yojana.
2. It aims to formalize the fisheries sector.

3. The scheme targets fishers, fish farmers, fish vendors, micro and small enterprises, cooperatives, self-help groups, and other entities engaged in fisheries value chains.

How many of the above statements are not correct?

- A. Only one
- B. Only two
- C. All three
- D. None

43. Consider the following statements with reference to a river:

1. It originates in the 'Raksas tal' near Mansarovar lake in Tibet.
2. It is an antecedent river.
3. It passes through the Shipki La pass.

Which one of the following rivers has been described by the above-given characteristics?

- A. Indus
- B. Satluj
- C. Beas
- D. Ravi

44. Consider the following statements with reference to the body waves:

1. The denser the material, the lower the velocity.
2. The P-waves can travel through gaseous, liquid, and solid materials.
3. The S-waves cannot travel through liquid material but it can travel through solid and gaseous material.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

45. With reference to the Kaziranga National Park, which of the following statements is/are correct?

1. It was recognized as a UNESCO World Heritage Site in 1985.
2. The Park is home for around 70% of One Horned Rhinoceros in the world.

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

46. Consider the following statements regarding extratropical cyclones:

1. They are characterized by a warm core.
2. They can originate over both land and sea.
3. They move from West to East.

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. 3 only

47. With reference to sea groynes, consider the following statements:

1. Sea groynes are constructed parallel to the shoreline to create sheltered areas for marine life.
2. The primary function of sea groynes is to prevent or reduce coastal erosion.
3. Sea groynes can lead to sediment accumulation on the updrift side and erosion on the downdrift side.

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

48. In the context of Physical Geography, Praries are normally associated with which of the following?

- A. Antarctica
- B. North America
- C. Africa
- D. Asia

49. Consider the following:

1. The Meghalaya plateau.
2. The Karbi-Anglong plateau.
3. The Ranchi plateau.

Which of the plateaus given above is/are part of the Peninsular Plateau?

- A. 3 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3**

50. Consider the following statements with reference to distribution of volcanoes and earthquakes:

Statement I: The distribution of volcanoes coincides with the distribution of earthquakes on earth.

Statement II: Volcanoes and earthquakes can happen only at convergent plate boundaries.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- C. Statement-I is correct but Statement-II is incorrect**
- D. Statement-I is incorrect but Statement-II is correct

51. With reference to the Siang River, which of the following statements is/are correct?

- 1. It originates near Mount Kailash in Tibet, where it goes by the name of Tsangpo.
- 2. The river becomes the Brahmaputra in Assam.

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

52. Consider the following statements with reference to Alluvial soil in India:

- 1. Alluvial soil is generally rich in phosphorus but poor in potash.

- 2. The sand content in soil decreases from East to west.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None of the above**

53. With reference to the animal species, consider the following statements:

- 1. Elephants, the most majestic mammals naturally found in hot wet forests of Assam.
- 2. One-horned rhinoceroses are naturally found in swampy and marshy lands.
- 3. The wild ass is naturally found in the arid and desert area.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three**
- D. None

54. With reference to the Food Corporation of India (FCI), consider the following statements:

- 1. It comes under the Ministry of Consumer Affairs, Food, and Public Distribution.
- 2. Its main responsibilities include purchasing, storing, transporting, distributing, and selling food grains and other essential food items.

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

55. Consider the following:

- 1. Panna
- 2. Agasthyamalai
- 3. Simlipal
- 4. Panchmarhi
- 5. Dibru Saikhowa

How many of the above Biosphere reserves are included under UNESCO's World Network of Biosphere Reserves?

- A. Only two
- B. Only two
- C. Only four**
- D. All five

56. A small border village, known as the gateway to picturesque Rann of kutch, has been awarded the prestigious title of 'Best tourism Village' by UN World Tourism Organisation. It celebrates a rich tradition of Bhunga huts architecture, Rogan art and local handicrafts. The above passage describes which of the following village?

- A. Mandavi
- B. Bada
- C. Dhordo**
- D. Bhun

57. Consider the following pairs:

Type of soil	Prominent crops
--------------	-----------------

- | | |
|---------------------------|--------|
| 1. Laterite soil | Paddy |
| 2. Peaty and Marshy soils | Cashew |
| 3. Regur Soil | Cotton |

How many of the above pairs are correctly matched?

- A. Only one**
- B. Only two
- C. All three
- D. None

58. Consider the following statements with reference to Coniferous forests:

1. Coniferous forests found in the Siberian climate are the richest source of softwood.
2. Major species of Coniferous forests are pine, fir, spruce, and larch.
3. The leaves of the trees are small, thick, leathery, and needle-shaped.

How many of the above statements are correct?

- A. Only one
- B. Only two
- C. All three**

D. None

59. Consider the following statements with reference to Steppe Climate:

1. The steppe type of climate in both the northern and southern hemisphere has extreme winter and summer.
2. The steppe type of climate found in tropical regions of the world.

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**

60. With reference to plate tectonics theory, consider the following statements

1. It was proposed by American geologist Harry Hess in 1961
2. Plates are composed of both continental and oceanic crust.
3. The movement of the hot softened mantle below the crust causes the plate movement.

Which of the statements given above are correct?

- A. 1 and 2 only
- B. 2 and 3 only**
- C. 1 and 3 only
- D. 1, 2 and 3

61. Consider the following statements with reference to warm temperate eastern margin climate:

1. It experiences extreme temperatures with scarce rainfall.
2. It is found in the south-eastern U.S.A. bordering the Gulf of Mexico and Parana-Paraguay-Uruguay basin.
3. This climate can only support the lowest form of vegetation, mosses, lichens, and sedges.

How many of the above statements are correct?

- A. Only one**
- B. Only two
- C. Only three
- D. None

62. Consider the following pairs:

Famous place	River
1. Ujjain	Shipra
2. Ayodhya	Gomti
3. Srinagar	Jhelum
4. Madurai	Kaveri

How many pairs given above are not correctly matched?

- A. Only one
- B. Only two**
- C. Only three
- D. All four

63. Consider the following pairs:

River	Waterfall
1. Narmada	Dhuandhar
2. Subarnarekha	Hundru
3. Chambal	Chuliya
4. Mandovi	Dudhsagar

Which of the above given pairs are correctly matched?

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1, 3 and 4 only
- D. 1, 2, 3 and 4**

64. Which of the following can be considered as the primary reason for formation of Labrador Current?

- A. The divergence of Gulf Stream towards the west coast of Greenland.
- B. Inflow of cold melting water coming from the Arctic region.**
- C. Divergence of North Atlantic Drift from eastern coast of Greenland.
- D. Convergence of Irminger current and north Atlantic Drift.

65. Agra and Darjeeling, despite sharing the same latitude, exhibit notable differences in vegetation. Which of the following factors primarily determines this disparity in vegetation between the two regions?

- A. Distribution of Land and Water

- B. Distance from the Sea
- C. Different longitudes
- D. Altitude of the region**

66. Consider the following countries:

- 1. Bangladesh
- 2. China
- 3. Pakistan
- 4. Srilanka
- 5. Myanmar

How many of the above countries share land boundaries with India?

- A. Two only
- B. Three only
- C. Four only**
- D. All five

67. Consider the following statements:

- 1. Some rivers of the northern plain show a dendritic river pattern.
- 2. When the primary tributaries of rivers flow parallel to each other and secondary tributaries join them at right angles, the pattern is known as trellis river pattern.

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

68. With reference to River Satluj, consider the following statements:

- 1. The Satluj River originates near Mansarovar in Tibet and goes through Shipki La pass in the Himalayas.
- 2. River Satluj feeds the canal system of the Bhakra Nangal project.
- 3. River Ravi meets the Satluj near Harike as the right bank tributary.

Which of the statements given above is/are correct?

- A. 1 and 2 only**
- B. 2 only
- C. 2 and 3 only
- D. 1, 2 and 3

69. Consider the following statements regarding Lakshadweep:

1. The entire island group is built of coral deposits.
2. The maritime boundary between the Maldives and India (Lakshadweep) runs through the Eight-degree channel.
3. Saddle Peak is the highest peak in the Lakshadweep Islands.

How many of the above statements are correct?

- A. Only one
- B. Only two**
- C. All three
- D. None

70. The Gandhi Sagar dam is constructed on which river?

- A. Barakar
- B. Krishna
- C. Chambal**
- D. Bhagirathi

71. Consider the following statements with reference to a particular climatic region:

1. The summer is dry and warm, while there is rainfall in winter.
2. Trees have small broad leaves and are widely spaced leading to the absence of shade.
3. This climate favours viticulture and wine production is an economic activity here.

Which of the following climatic regions best reflects the above-mentioned features?

- A. Equatorial climate
- B. Polar climate
- C. Savanna climate
- D. Mediterranean climate**

72. Consider the following statements with reference to the Eastern Ghats and the Western Ghats:

1. The highest peak of the Western Ghats is Anaimudi.
2. The highest peak of the Eastern Ghats is Mahendragiri.
3. The Eastern and the Western Ghats meet each other at the Nilgiri hills.

Which of the statements given above is/are correct?

- A. 1 only
- B. 1 and 2 only
- C. 1 and 3 only
- D. 1, 2 and 3**

73. Consider the following statement with reference to change in atmospheric temperature:

Statement I: Temperature in the troposphere and stratosphere tends to decrease with rise in altitude.

Statement II: Temperature tends to decrease with height due to heat energy of the sun radiated back from Earth.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I.
- B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- C. Statement-I is correct but Statement-II is incorrect
- D. Statement-I is incorrect but Statement-II is correct**

74. These are the most widespread forests of India. They are also called the monsoon forests and spread over the region receiving rainfall between 70 cm to 200 cm. Trees of this forest type shed their leaves for about six to eight weeks in dry summer. These forests exist, mostly in the eastern and rainier parts of the Peninsular plateau of the country. The most dominant species of this forest are Bamboo, sal teak and peepal. The above paragraph describes which types of vegetation?

- A. Tropical Evergreen Forests
- B. Tropical Deciduous Forests**
- C. Tropical Thorn Forests and Scrubs
- D. Montane Forests

75. Consider the following statements with reference to the tropical cyclones:

Statement-I: It is extremely rare for tropical cyclones to form within a few degrees of the equator.

Statement-II: The Coriolis force is negligible at the equator.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- C. Statement-I is correct but Statement-II is incorrect
- D. Statement-I is incorrect but Statement-II is correct

76. With reference to the 'Ol Chiki script', consider the following statements:

- 1. It is used to write Mundari language.
- 2. It was devised by Pandit Raghunath Murmu.

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

77. The term Hori Habba is used in the context of

- A. tribal community in North East.
- B. tradition of bull sport in South India.
- C. festival of harvest in eastern India.
- D. tribal language on the verge of extinction.

78. Consider the following statements with reference to Tropical Monsoon Climate:

- 1. Tropical Monsoon Climate receives heavy rainfall throughout the year.
- 2. Forests in Tropical Monsoon Climate are usually evergreen forests.

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

79. Consider the following statements:

- 1. Google LLC has recently introduced Gemma which is a new search engine.
- 2. Gemma will help in encrypting the online content that is not indexed by conventional search engines.

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

80. Which one of the following is a direct source for the study of the interior of the earth?

- A. Volcanic eruption
- B. Meteorite
- C. Gravitational field strength
- D. Seismic activity

81. Consider the following statements regarding soil flow or solifluction:

- 1. Soil flow occurs when the soil is completely devoid of moisture.
- 2. Soil flow is not possible in the tundra and arid regions.
- 3. In Ireland, bog bursts are a related phenomenon.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

82. Which one of the statements given below is **not** correct regarding Glacial Lake Outburst Floods (GLOF)?

- A. They are associated with Glacial Lakes formed over the moraine dammed meltwater.
- B. Retreat and Expansion of Glacial Lakes increase the probability of GLOF.
- C. It is not advisable to practice slash-and-burn farming in GLOF-prone areas.
- D. Presence of Black carbon can lessen the chances of the formation of Glacial Lakes.

83. Recently, India has ranked 38th on the Logistics Performance Index 2023. This Index is released by:

- A. International Monetary Fund
- B. United Nations Conference on Trade and Development
- C. World Bank**
- D. World Economic Forum

84. Consider the following statements with reference to the Tropical Evergreen forests:

1. The trees, inside the Tropical Evergreen forests, do not shed their leaves.
2. Pure stands of natural vegetation are not found inside the Tropical Evergreen Forests.
3. In India these forests are found in the eastern slope of the Western Ghats, the hills of the northeastern region, and the Andaman and Nicobar Islands.

How many of the statements given above are correct?

- A. Only one**
- B. Only two
- C. All three
- D. None

85. Consider the following peninsular rivers:

1. Vaigai
2. Sharavati
3. Vamsadhara

How many of the rivers given above flow from east to west?

- A. Only one**
- B. Only two
- C. All three
- D. None

86. Consider the following pairs:

Name of Strait	Water Bodies Connected
1. Bering strait	: Arctic and Pacific Ocean
2. Cook strait	: Tasman sea and South Pacific ocean
3. Strait of Bab el Mandab	: Red Sea and Gulf of Aden

Which of the pairs given above are correctly matched?

- A. Only one
- B. Only two
- C. All three**
- D. None

87. Consider the following statements:

1. Tokamak is an experimental machine designed to harness the energy of fusion on the Earth.
2. Joint European Torus is the first device to achieve controlled fusion power.

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

88. Consider following passage:

Soil A is found in arid and semi-arid regions of western ghats and eastern coast and is infertile due to lack in nitrogen and calcium.

Soil B develop in areas with high temperature and high rainfall and contains large proportion of iron and aluminium.

Identify which of the above passage describe soil A and soil B respectively?

- A. Laterite soil and Usara soil
- B. Usara Soil and Laterite Soil**
- C. Red Soil and Laterite soil
- D. Laterite soil and Red soil

89. Consider the following statements with reference to Earthquake waves:

1. Both P wave and S wave are examples of Surface waves
2. Surface waves are more destructive in nature as compared to body waves

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

90. Consider the following statements:

1. Entire India observes overhead sun on the summer solstice of the northern hemisphere.
2. As compared to northern India, southern India experiences high temperatures throughout the year with small daily and annual ranges.

Which of the above can be attributed to the passing of the Tropic of Cancer roughly through the central part of India?

- A. 1 only
- B. 2 only**
- C. Both 1 and 2
- D. Neither 1 nor 2

91. Consider the following statements with reference to the coastal climate in India:

Statement-I: There is hardly any seasonal change in the distribution pattern of the temperature in coastal areas.

Statement-II: The oceans take much longer to warm up or cool down than land mass.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I**
- B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- C. Statement-I is correct but Statement-II is incorrect
- D. Statement-I is incorrect but Statement-II is correct

92. Consider the following statements with reference to Ocean currents:

Statement I : Most of the hot deserts are formed on the western margins of continents.

Statement II: The presence of cold ocean current on the eastern margins of oceans leads to areas of less precipitation.

Which one of the following is correct in respect of the above statements?

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I**
- B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-1
- C. Statement-I is correct but Statement-II is incorrect
- D. Statement-I is incorrect but Statement-II is correct

93. Consider the following countries:

1. Latvia
2. Lithuania
3. Netherlands
4. Estonia

How many of the above borders with the Baltic Sea?

- A. Only one
- B. Only two
- C. Only three**
- D. All four

94. Consider the following pairs:

Martial art	State
1. Silambam	Tamil Nadu
2. Thang-ta	Sikkim
3. Gatka	Punjab

How many of the above pairs are correctly matched?

- A. Only one
- B. Only two**
- C. All three
- D. None

95. Consider the following statements with regard to social forestry:

1. Urban forestry pertains to the raising and management of trees on public lands only.
2. Agroforestry is the raising of trees and agriculture crops on the same land inclusive of the waste patches.
3. Community forestry involves the raising of trees on public, privately owned or community lands.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

96. With reference to basic lava, consider the following statements:

1. It is highly fluid.
2. It leads to explosive eruptions.
3. It commonly results in the formation of composite volcanoes.

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

97. With reference to the Notified Disasters, which of the following statements is/are correct?

1. They are eligible for financial assistance under the Disaster Management Act, 2005.
2. Recently the Union government has classified the heatwaves as a notified disaster.

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

98. With reference to the National Commission for Scheduled Castes (NCSC), consider the following statements:

1. It is a constitutional body under Article 338 of the constitution of India.
2. It was separated from the National Commission for ST by the 89th Constitutional Amendment Act.

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

99. Consider the following statements regarding tropical forest soils:

1. These soils are rich in humus and fertile in their natural state.
2. The deterioration of these soils is not possible even after repeated vegetation cycles.

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

100. Consider following statements with reference to the favourable condition for formation of delta:

1. The presence of a large oxbow lake in the river course is one of the favourable conditions for formation of delta.
2. The presence of steep gradient around the delta helps in consolidation of sediments around delta.

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