



Test -15
Geography
UPSC PRELIMS 2023-24

Q1 Consider the following statements with reference to Sunspots:

1. They are regions where the solar magnetic field is very strong.
2. They are permanent spots on the Sun's Photosphere that appear darker than the surrounding areas.
3. They may cause a change in the Earth's Climate.

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

Q2. Consider the following statements regarding Cloudburst and Flash Flood:

1. The India Meteorological Department (IMD) labels rainfall over 10 mm per hour as cloudburst.
2. Flash Flood occurs when it rains rapidly on saturated soil or dry soil that has poor absorption ability.

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

Q3 Sea of Marmara, recently seen in the news, connects which of the following water bodies?

- (a) Arafura Sea and Coral Sea
- (b) Black Sea and Aegean Sea
- (c) North Sea and Celtic Sea
- (d) Sea of Azov and Black Sea

Q4. With reference to the Indian monsoons, consider the following statements:

1. There is an increase in rainfall generally from east to west in the Northern Plains of India during the Southwest Monsoon.
2. During the Northeast Monsoon, strong upwelling occurs along the western coast of India which is beneficial for fish production.

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

Q5 Consider the following statements:

1. Chelation is the process of forming complexes with metals by organic agents.
2. Hardpans are formed in the soil of wet areas as a result of desilication.

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

6. With reference to the phenomenon of lightning, consider the following statements:

1. Lightning helps the Earth maintain electrical balance.
2. Lightning discharges are a major source of nitrogen oxide gases (NO_x) in the atmosphere.

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

7. Arrange the following regions of India in descending order according to their percentage of annual rainfall variability:

1. Far North-Eastern India
2. North-Western Gujarat
3. Tamil Nadu

Select the correct answer using the code given below:

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

8. Which one of the following plains is associated with Limestone Topography?

- (a) Bajada plain
- (b) Alluvial plain

(c) Karst plain

(d) Peneplain

9. Which of the following are the most suitable conditions for the cultivation of tea?

1. Presence of alluvial soil
2. Well distributed rainfall throughout the year
3. A hot and humid climate
4. Annual Rainfall between 75-100 cm

Select the correct answer using the code given below:

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

10. Which one of the following statements is *not* correct regarding the Narcondam Island?

- (a) It is located in the northern Andaman sea.
- (b) It is a barrier island formed due to tidal action.
- (c) Species Narcondam Hornbill is endemic to the island.
- (d) It is India's easternmost Island.

11. With reference to Indian Monsoon, consider the following statements:

1. The amount of rainfall in north India varies with the frequency of the tropical depressions.
2. The transfer of the low-pressure conditions from northwest India to the Bay

of Bengal is associated with the occurrence of cyclonic depressions in the month of November.

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. Which of the following statements is/are *not* correct regarding Rock system in India?

1. Purana Rock System includes the Dharwar System and the Dravidian System.
2. Dravidian Rock System are sedimentary rocks, and abundant fossils can be found in them.

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

13. Consider the following pairs:

Deserts	Cold current
1. Mojave	California current

2. Sahara	Canary current
3. Atacama	Benguela current
4. Namib	Peruvian current

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

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

14. Which of the following rivers are the right bank tributaries of the Brahmaputra river?

1. Lhasa River
2. Manas River
3. Teesta River
4. Subansiri River

Select the correct answer using the code given below:

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

15. Which of the following lakes are part of the African Rift Valley Lakes?

1. Lake Titicaca
2. Lake Tanganyika
3. Lake Malawi

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

16. Consider the following statements regarding Thermocline:

1. It acts as the divide between the mixed upper layer and deep ocean waters.
2. It is semi-permanent in the polar regions while shallow to non-existent in the tropics regions.

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

17. Consider the following pairs:

Local names of physiographic features	State

1. Duars	Rajasthan
2. Dhrians	Maharashtra
3. Rarh Plains	West Bengal

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

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

18. Which one of the following countries opens out to the Red Sea?

- (a) Iraq
- (b) Ethiopia
- (c) Oman
- (d) Eritrea

19. Which one the following strait separates Africa from Europe?

- (a) Strait of Hormuz
- (b) Strait of Gibraltar
- (c) Strait of Bab-al-Mandeb
- (d) Strait of Dover

20. Arrange the following surfaces in decreasing order of their albedo:

1. Bare soil

2. Desert Sand
3. Fresh Asphalt
4. Ocean ice

Select the correct answer using the code given below:

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

21. Consider the following statements:

1. Folding and faulting are diastrophic movements caused by compressive forces.
2. Unlike diastrophic movements, the catastrophic movements are sudden in nature.
3. Igneous Rocks are the outcome of exogenic force.

Which of the statements given above is/are correct?

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

22. Which of the following statements is/are correct regarding Seafloor Spreading Theory?

1. The upwelling of the magma leads to the formation of mid-oceanic ridges.
2. The rocks closer to the mid-oceanic ridges are the oldest.

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

23. Consider the following pairs:

Discontinuity	Lies Between
1. Lehmann discontinuity	Inner and Outer Core
2. Conrad discontinuity	Upper and Lower Mantle
3. Gutenberg discontinuity	Mantle and Outer Core

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

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

24. Which among the following are the factors that propel the south-west monsoon in India?

1. Presence of high-pressure region in the east of Madagascar.
2. Shifting of Intertropical convergence zone (ITCZ) in the southern direction.
3. Presence of high-pressure region in Tibetan plateau.
4. Movement of Westerly Jet Stream to the north of Himalaya.

Select the correct answer using the code given below:

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

25. Which one of the following straits is nearest to the International Date Line?

- (a) Sunda Strait
- (b) Bering Strait
- (c) Bass Strait
- (d) Tsushima Strait

26. Which one of the following does *not* border the country Panama?

- (a) Costa Rica
- (b) Pacific Ocean
- (c) Colombia
- (d) Venezuela

27. Consider the following statements with reference to the Taiga and Tundra biome:

1. The Tundra region undergoes freeze and thaw cycles while the Taiga is a zone of permafrost.

2. The trees are absent completely in the Tundra while the Taiga has a thick forest of conifers.

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

28. "Moderately warm summers and fairly mild winters, four distinct seasons and market gardening". This statement is best suited for which one of the following types of climate?

- (a) Warm temperate west margin
- (b) Laurentian type
- (c) Temperate continental
- (d) British type

29. Which of the following is the correct sequence of seas in decreasing order of salinity?

- (a) Dead Sea, Caspian Sea, Red Sea, Baltic Sea
- (b) Baltic Sea, Caspian Sea, Red Sea, Dead Sea
- (c) Dead Sea, Baltic Sea, Red Sea, Caspian Sea
- (d) Baltic Sea, Red Sea, Dead Sea, Caspian Sea

30. With reference to the 'Aurora', consider the following statements:

1. It is a display of light in the sky predominantly seen in the low-latitude regions.

2. It is caused by the collisions between electrons from space with the oxygen and nitrogen in Earth's upper atmosphere.
3. The colour of the auroras is independent of the speed and energy of electrons.

Which of the statements given above is/are correct?

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

31. Consider the following statements:

1. Jupiter and Saturn are classified as "ice giants".
2. Saturn holds condensed methane in its troposphere.
3. The auroral activity in Jupiter is more intense than that of Earth.

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

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

32. Which one of the following correctly defines 'Halocline'?

- (a) A distinct zone where the density gradient is greatest.
- (b) A distinct zone where temperature increases sharply.

(c) A distinct zone where temperature decreases sharply.

(d) A distinct zone where there are rapid, vertical changes in salinity.

33. With reference to 'Geostrophic winds', consider the following statements:

1. A geostrophic wind flows parallel to the isobars.
2. There is no role of Coriolis force in the flowing of these winds.

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

34. Which one of the following statements correctly define the term 'Magnetosheath'?

- (a) It is a region of magnetic turbulence in which both the magnitude and direction of Earth's magnetic field vary erratically.
- (b) It is the abrupt boundary between a magnetosphere and the surrounding plasma.
- (c) It is the region around a planet dominated by the planet's magnetic field.
- (d) None of the above

35. Consider the following pairs:

Grasslands	Region
------------	--------

1. Banni	Rann of Kutch
2. Phumdis	Chilka Lake
3. Bhugyals	Purvanchal Hills
4. Shola	Anaimalai hills

Which of the pairs given above are correctly matched?

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

36. Which of the following processes are involved in the hydrological cycle?

- 1. Infiltration
- 2. Groundwater flow
- 3. Evapotranspiration
- 4. Hydration
- 5. Precipitation

Select the correct answer using the code given below.

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

(d) 1, 2, 3 and 5 only

37. Salinization occurs when the irrigation water accumulated in the soil evaporates, leaving behind salts and minerals. What is the effect of salinization on the irrigated land?

- (a) It greatly increases the crop production.
- (b) It makes some soils impermeable.
- (c) It raises the water table.
- (d) It fills the air spaces in the soil with water.

38. With reference to Indian drainage system, consider the following statements:

- 1. Narmada, Son and Mahanadi Rivers form a Radial Drainage pattern.
- 2. Chotanagpur Plateau has Trellis drainage pattern.
- 3. Godavari, Krishna and Cauveri are examples of Subsequent Drainage.

Which of the statements given above are correct?

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

39. Narrow water area attached with a main land in the form of channels, known as "Kayals" are found in which one of the following states of India?

- (a) West Bengal
- (b) Maharashtra
- (c) Kerala

(d) Tamil Nadu

40. Which of the following factors leads to the formation of Continental Shelf?

1. Emergence of a part of a continent
 2. Relative rise in sea level
 3. Sedimentary deposits brought down by rivers
- 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, 2 and 3

41. Consider the following statements:

1. Bharner and Kaimur hills form the eastern part of the Satpura range.
2. Dhupgarh on Mahadev Hills is the highest peak of the Vindhya range.
3. Peninsular Plateau has more than ninety percent of the Gondwana coal deposits of India.

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

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

42. Consider the following pairs:

Volcano	Characteristics

Volcano	Basaltic lavas are low viscous
Composite	Formed in the fore basalt.
Cinder cone	Volcanic eruption which is explosive

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

43. Consider the following statements:

1. Orogeny is a mountain-building process whereas epeirogeny is a continental building process.
2. Endogenetic forces act in the vertical direction in orogeny, while they act in the horizontal direction in epeirogeny.

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

44. Consider the following pairs:

Crop	Soil
1. Cashew	Laterite
2. Cotton	Black
3. Jute	Alluvial

Which of the pairs given above are correctly matched?

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

45. With reference to Celestial bodies, which one of the following statements correctly explains the meaning of a 'Nebula'?

- (a) It is a cigar-shaped matter having thicker middle portion and thinner ends ejected from primitive sun.
- (b) It is a small celestial particle detached from the photosun due to massive gravitational pull of a giant star.
- (c) It is an interstellar cloud of dust, hydrogen, helium and other ionized gases.
- (d) It refers to the explosion of star caused by gravitational collapse resulting in increased luminosity.

46. "This climate type is characterised by hot, dry summers and cool, wet winters. Many local winds, some hot, others cold are common in this region. The natural

vegetation is xerophytic and comprising of world's orchard lands."

Which one of the following climatic biome best represents the description given above?

- (a) Laurentian Climate Biome
- (b) China type Climatic Biome
- (c) Mediterranean Climatic Biome
- (d) Desert Climatic Biome

47. Consider the following statements:

1. Katabatic winds flow from the valley towards the mountain top during the day.
2. Winds, after crossing mountains, bring heavy rainfall on the leeward sides of the 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

48. Which of the following statements is/are correct regarding condensation?

1. The most favourable condition for condensation is the decrease in the air temperature.
2. It takes place only when the dew point is higher than the freezing point.

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

49. Lake Balkhash, situated in a land depression of tectonic origin, is located in which of the following countries?

- (a) Kazakhstan
- (b) Kyrgyzstan
- (c) Uzbekistan
- (d) Russia

50. Consider the following statements regarding Earth's interior:

1. The uppermost part of the Mantle is called Asthenosphere.
2. The Inner Core is in liquid state due to very high temperatures.

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

51. Consider the following statements about Aluminium:

1. It is the most abundant element in the earth's crust.
2. Its surface retains colour and is thus suited for printing.

Which of the statements given above is/are correct?

- (a) 1 only

M-24, Ground Floor, Near SBI Bank,
Old DLF Colony, Sector 14, Gurugram,
Haryana 122001, India

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

52. Consider the following pairs:

Biosphere Reserve	Forest Type
1. Nanda Devi Biosphere Reserve	Temperate forest
2. Nilgiri Biosphere Reserve	Moist Deciduous forest
3. Gulf of Mannar	Tropical Wet evergreen forest

Which of the pairs 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

53. Consider the following statements:

1. Red soils are the result of intense leaching due to tropical rains.
2. Laterite soils are rich in organic matter, nitrogen, phosphate, and calcium.

3. The sand content of alluvial soils increases from the west to east in Gangetic plains.

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) 1, 2 and 3

54. Arrange the following eastern hills and mountains in the south to north direction:

- 1. Lushai Hills
- 2. Patkai Bum
- 3. Naga Hills
- 4. Jaintia Hills

Select the correct answer using the code given below:

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

55. With reference to 'Humidity', consider the following statements:

- 1. Relative Humidity is the actual amount of water vapour present in the atmosphere.
- 2. Both absolute and relative humidity differs from place to place with the change in temperature.

Which of the statements given above is/are correct?

M-24, Ground Floor, Near SBI Bank,
Old DLF Colony, Sector 14, Gurugram,
Haryana 122001, India

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

56. 'Bardoli Chheerha' refers to which one of the following?

- (a) A local storm of the hot weather season in Assam.
- (b) A tree having high medicinal value found in Orissa.
- (c) A local name of saline soil found in the regions of Gujarat.
- (d) A type of landform created by wind erosion in the Rajasthan desert.

57. With reference to 'Himalayan mountains', consider the following statements:

- 1. Himadri is the most continuous range consisting of prominent Himalayan peaks.
- 2. Lesser Himalayas form the most rugged mountain system and are composed of highly compressed and altered rocks.
- 3. Shiwaliks are mainly composed of consolidated sediments.

Which of the statements given above is/are correct?

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

58. Which one of the following is the correct order of succession of natural vegetation

Contact Us: +918130433691

one can find in the Himalayan region with an increase in altitude?

- (a) Oaks and Chestnut - Coniferous trees - Pines and Birches - Mosses and Lichens
- (b) Shrubs and Scrubs - Pines and Birches - Coniferous trees - Mosses and Lichens
- (c) Oaks and Chestnut - Mosses and Lichens - Silver fir and Junipers - Shrubs and Scrubs
- (d) Shrubs and Scrubs- Mosses and Lichens - Coniferous trees - Oaks and Chestnut

59. Consider the following rivers:

- 1. Yamuna
- 2. Ghaghara
- 3. Gandak
- 4. Kosi
- 5. Son

Which of the rivers given above are the Himalayan tributaries of the Ganga river system?

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

60. Saffir-Simpson scale is used to measure which one of the following?

- (a) Intensity of earthquake
- (b) Size of hurricane
- (c) Height of rainfall
- (d) Loss during forest fires

M-24, Ground Floor, Near SBI Bank,
Old DLF Colony, Sector 14, Gurugram,
Haryana 122001, India

61. Arrange the following mountain ranges from South to North:

- 1. Ladakh Range
- 2. Karakoram Range
- 3. Zaskar Range
- 4. Pirpanjal Range

Select the correct answer using the code given below: (a) 4-3-2-1

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

62. The 'Elastic Rebound Theory' best deals with the:

- a) concept of isostasy and related events
- (b) impact of meteorites on the Earth's surface
- (c) spread of energy during an earthquake
- (d) release of the lava by a composite volcano

63. Consider the following statements regarding Kelp forests:

- 1. Photosynthetic organisms are absent in these types of forests.
- 2. Kelp needs salty water in order to survive.

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

64. In a seminar, certain statements were made about a type of Plain in India:

1. They lie between the foot of the Aravalli range and the western Marusthali.

2. These are drained by several short and seasonal rivers.

3. A person is most likely to encounter Garasia tribe in this region.

Which one of the following plains is described in the statements given above?

(a) Barchans Plains

(b) Bagar Plains

(c) Oasis Plains

(d) Rohi Plains

65. Which among the following methods can be used to determine the age of the Earth?

1. Sedimentation Clock

2. Salinity Clock

3. Atomic Clock

4. Rate of Cooling of the Earth

Select the correct answer using the code given below:

(a) 1, 2 and 4 only

(b) 1 and 2 only

(c) 3 and 4 only

(d) 1, 2, 3 and 4

66. With reference to Vembanad Lake, consider the following statements:

1. It is the second-largest lake in Kerala after Ponnani Lake.

2. It is connected to the Bay of Bengal through backwaters.

3. It has been recognized as wetland under the National Wetlands Conservation Programme.

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) 1, 2 and 3

67. Which of the following is/are the features of desert vegetation?

1. Long and widely spread roots

2. Thick succulent stems

3. Thick skin of seeds

Select the correct answer using the code given below:

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

68. Loo winds in North India is an example of:

(a) Katabatic wind movement

(b) Convection Wind movement

- (c) Advection wind movement
- (d) Onshore wind movement

69. Which of the following is/are classified as micronutrients for plants?

1. Iron
2. Potassium
3. Copper

Select the correct answer using the code given below:

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

70. Consider the following pairs:

Conservation site	River
1. Jim Corbett	Ganga
2. Rajaji	Ramganga
3. Bandipur	Nugu

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

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

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

71. Consider the following statements:

1. The winter rainfall caused by Western Disturbances in Rajasthan is called 'Mawath'.
2. Most of India receives rainfall from the Bay of Bengal branch of the South-West Monsoon.
3. Konkan coast receives rainfall mainly from retreating monsoon.

Which of the statements given above is/are correct?

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

72. Which among the following best explains the formation of Wave Cyclones?

- (a) Creation of fronts between different air masses.
- (b) Very high Sea Surface Temperatures.
- (c) Formation of Polar Stratospheric clouds.
- (d) Creation of thunderstorms due to sudden air up draught.

73. Consider the following statements:

1. The troposphere is characterized by precipitation and clouds.
2. The temperature in the stratosphere reduces with the increase in altitude.

3. The ionosphere makes radio transmission possible over long distances.

Which of the statements given above is/are correct?

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

74. Which one of the following statements is correct regarding the Northern Plains of India?

- (a) Khadar is a narrow, porous, northernmost stretch of Indo-Gangetic plain.
- (b) Bhangar is the older alluvium along the river beds forming terraces higher than the floodplain.
- (c) Bhabar is an ill-drained, damp, and thickly forested narrow tract.
- (d) Terai is composed of newer alluvium and forms the flood plains along the river banks.

75. The largest riverine island of the world – Majuli, lies in the state of:

- (a) Assam
- (b) Meghalaya
- (c) Arunachal Pradesh
- (d) Tripura

76. With reference to the Karbi Anglong Plateau, consider the following statements:

- 1. It is an extension of the Indian Peninsular plateau.
- 2. It receives most of its rainfall from the southwest monsoons.

M-24, Ground Floor, Near SBI Bank,
Old DLF Colony, Sector 14, Gurugram,
Haryana 122001, India

3. It has an eroded and bare rocky structure.

Which of the statements given above is/are correct?

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

77. With reference to the temperature of ocean water, consider the following statements:

1. The temperature of surface water decreases from the equator towards the poles because the amount of insolation decreases poleward.

2. The winds blowing from the land towards the oceans drive warm surface water away from the coast resulting in the upwelling of cold 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

78. Which of the following types of mass movements can be categorized as Rapid Mass Movements?

- 1. Creep
- 2. Mudflow
- 3. Slump
- 4. Earthflow

5. Solifluction

Select the correct answer using the code given below:

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

79. Consider the following statements:

1. The majority of the world's volcanoes are situated in the 'Ring of Fire'.
2. The 'Ring of Fire' is situated only in the North Pacific 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

80. Consider the following statements:

1. The horizontal motion of water in oceanic water bodies is referred to as the ocean currents and waves while the vertical motion refers to tides.
2. Waves are the energy and not the water that moves across the ocean surface.

Which of the statements given above is/are correct?

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

M-24, Ground Floor, Near SBI Bank,
Old DLF Colony, Sector 14, Gurugram,
Haryana 122001, India

(d) Neither 1 nor 2

81. With reference to Plutonic rocks, consider the following statements:

1. These types of rocks are formed by the cooling of the Magma within the Earth's crust.
2. A Shield Volcano is an example of Plutonic rock.

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. With reference to the climatic regions of the world, consider the following statements:

1. Equatorial regions all around the world are also known as 'big game country' due to the availability of vast resources.
2. Parkland refers to vegetation consisting of tall grass and short trees in the Savana Climate.
3. Tropical deserts have saline soils.

Which of the statements given above are correct?

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

83. Which of the following statements is/are correct about the different zones of ocean?

Contact Us: +918130433691

1. Mesopelagic zone is referred to as twilight zone because of scarce amount of sunlight.

2. Benthic zone is the uppermost layer that receives sunlight, allowing phytoplankton to perform photosynthesis.

3. Bathypelagic zone is a zone in which no light penetrates and is referred as midnight zone.

Select the correct answer using the code given below:

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

84. With reference to Ocean bottom relief, consider the following statements:

1. The continental slope connects the continental shelf and the ocean basins.
2. Trenches are associated with strong earthquakes which have deep foci.

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

85. Consider the following statements regarding Deserts:

1. Tropical deserts are located on the west coast of continents.

2. Mojave Desert is a hot desert located in Africa.

3. The Atacama Desert is the driest desert due to combined effects of off-shore trade winds and cold Peruvian Current.

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

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

86. Which of the following statements is/are correct regarding the Himalayan Fold Mountains?

1. The northern slopes of the Himalayas are steep while the southern slopes are gentle.
2. They are located in the regions of high seismic activity and convergent plate boundary.
3. They are formed generally by the sedimentary rocks and contain fossils which are marine in nature.

Select the correct answer using the code given below:

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

87. The primary reason that the Earth experiences the highest temperature in the subtropics in the northern hemisphere rather than at the Equator is:

- (a) Subtropical areas tend to have less cloud cover than equatorial areas.

(b) Subtropical areas have longer day hours in the summer than the equatorial areas.

(c) Subtropical areas have a lesser greenhouse effect compared to equatorial areas.

(d) Subtropical areas are nearer to the oceanic areas than the equatorial areas.

88. With reference to Atolls, consider the following statements:

1. They form when islands surrounded by fringing reefs sink into the sea or the sea level rises around them.

2. Islands of Lakshadweep group are primarily made of coral deposits and there are many atolls.

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

89. With reference to glacial landforms and movements, consider the following statements:

1. The movement of the middle part of a glacier is slower than the sides.

2. Corrie, aretes and bergschrund are types of glacial landforms.

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. Floodplains and deltas are the main features of a river in the lower course.

2. Estuaries are better sites than deltas for ports.

3. Vertical corrasion is dominant in the lower course of a river.

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

91. What explains the eastward flow of the equatorial counter-current?

(a) The Earth's rotation on its axis

(b) Convergence of the two equatorial currents

(c) Difference in salinity of water

(d) Occurrence of the belt of calm near the equator

92. Rivers generally form meanders in their mature stage but Jhelum flowing through the Kashmir valley, forms meanders in its youth stage. Which one of the following is the most suitable reason for this?

(a) Presence of hard surface rocks

(b) Greater carrying capacity

(c) Existence of lacustrine deposits

(d) Steep slope of the Himalayas

93. Westerlies in the southern hemisphere are stronger and persistent than in northern hemisphere. Which of the following can be the reasons for this?

1. The Southern hemisphere has less land mass as compared to Northern hemisphere.
2. Coriolis force is higher in the Southern hemisphere as compared to Northern hemisphere.

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

94. Identify the type of climate characterized by the below mentioned climatic conditions:

1. Steady rainfall from trade winds throughout the year.
2. Maximum rainfall in summers without any distinct dry period
3. Prone to severe cyclones, hurricanes or typhoons.

Select the correct answer using the code given below:

- (a) Tropical Monsoon climate
- (b) Tropical Marine climate
- (c) Mediterranean climate
- (d) Equatorial climate

95. Consider the following pairs:

Passes	Location
1. Zoji La	Ladakh Range
2. Khardung La	Zaskar Range
3. Diphu Pass	Karakoram Range
4. Banihal Pass	Pir Panjal Range

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

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

96. The term 'selvas' refers to:

- (a) A dense tropical rainforest
- (b) A nomadic tribe of Africa
- (c) A river in Polar region
- (d) None of the above

97. Consider the following statements:

1. It rises from Kaimur hills in Satna, Madhya Pradesh.
2. It is a tributary of Yamuna.

3. It is famous for its Shajar stone & Raneh waterfalls.

Which one of the following rivers is described in the statements given above?

- (a) Ken
- (b) Chambal
- (c) Sen
- (d) Betwa

98. Consider the following statements:

1. Pangong Tso Lake is the world's highest freshwater lake.
2. Naku La and Jelep La are important passes of Sikkim.

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:

1. Temperature regime is characterised by lack of extremes but there is still a marked cold season.
2. The soils associated are known as brown earths.
3. It is dominated by broad-leaved trees.

Which of the following biomes has the characteristics mentioned above?

- (a) Tropical deciduous forest

(b) Tropical rain-forest

(c) Boreal forest

(d) Temperate deciduous forest

Q 100. Identify the river having the following characteristics:

1. It is the largest west flowing river of Peninsular India.

2. It rises from Amarkantak Plateau near Anuppur district.

3. It drains in the Gulf of Khambhat into the Arabian Sea.

4. Its valley is a depressed block of the Earth's crust bordered by parallel faults. Which one of the following rivers best describes the characteristics given above?

(a) Narmada

(b) Son

(c) Johilla

(d) Tapi