

VEDANTA IAS

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GEOGRAPHY SAMPLE QUESTIONS

1. Consider the following statements:

1. The southern part of the India lies within the tropics.
2. The northern part of the country lies in the subtropical zone.

Which of the above statements is/are correct?

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

2. Consider the following statements:

1. Mercury is the smallest and closest planet to the sun.
2. It is considered as Earth's twin because of their close proximity in size, mass and density.

Which of the above statements is/are correct?

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

3. Consider the following statements:

1. Uranus orbits around the sun in a clockwise direction from east to west.
2. It is a giant planet 50 times larger than the earth.

Which of the above statements is/are correct?

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

4. Consider the following statements:

1. The largest planet Jupiter's surface is cold probably about -13°C .
2. It takes $29\frac{1}{2}$ years to complete its orbit.

Which of the above statements is/are correct?

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

5. Consider the following statements:

1. Gravity anomalies gives us information about the distribution of mass of the material in the crust of the earth.
2. Seismic activity is one of the most important sources of information about the interior of the earth.

Which of the above statements is/are correct?

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

6. Consider the following statements about the primary waves.

1. P-waves move faster and are the first to arrive at the surface.
2. They travel only through solid material.
3. They are similar to sound waves.

Which of the above statements is/are correct?

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

7. Consider the following statements:

1. It has observed that seismographs located at any distance within 105°C . from the epicenter, recorded the arrival of both P and S- waves.
2. A zone between 105°C and 145°C from epicentre was identified as the shadow zone for both types of waves.

Which of the above statements is/are correct?

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

8. Consider the following statements:

1. The mercalli scale takes into account the visible damage caused by the earth quake
2. The range of the intensity scale is from 0-12.

Which of the above statements is/are correct?

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

9. In context of the structure of the earth consider the following statements.

1. The core mantle boundary is located at the depth of 2,900 km.
2. The core is made up of very heavy material mostly constituted by nickel and iron.
3. The outer core is in liquid state while the inner core is in solid state.

Which of the above statements is/are correct?

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

10. Consider the following statements:

1. A tectonic plate is a massive, irregularly-shaped slab of solid rock, generally composed of both continental and oceanic lithosphere.
2. Nazca plate between south America and Pacific plate is one of the major plate.

Which of the above statements is/are correct?

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

11. Consider the following statements:

1. The concept of sea floor spreading was first propounded by Hary Hess.
2. The theory of plate tectonics proposes that the earth's lithosphere is divided into seven major and some minor plates.
3. Alfred wegner propounded the displacement hypothesis.

Which of the above statements is/are correct?

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

12. Consider the following statements:

1. Three fourths of the earth's surface is covered with sedimentary rocks.
2. 87 percent of the minerals in earth's crust are silicates.
3. Most of the sedimentary rocks have been formed under water.

Which of the above statements is/are correct?

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

13. Consider the following statements:

1. Carbon dioxide and water vapour are found only up to 90 km from the surface of the earth.
2. Ozone is important component of the atmosphere found between 10 and 50 km above the earth's surface.
3. The troposphere's height at the poles is 18 km and about 8 km at the equator.

Which of the above statements is/are correct?

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

14. Consider the following statements?

1. Dolerite is a igneous rock
2. Eclogite is an example of metamorphic rock
3. Limestone is a sedimentary rock.

Which of the above statements is/are correct?

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

15. Consider the following statements:

1. The great rift valley of the world runs for about 6,000 kilometres from East Africa to Syria through the Red sea.
2. Vindhya and Hercynian are relict fold mountains.
3. Nilgiris and parasnath are examples of block mountains.

Which of the above statements is/are correct?

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

16. Consider the following statements:

1. Piedmont plateaus situated at the foot of a mountains and are bounded on the opposite side by a plain or an ocean.
2. The plateaus of pantagonia and malwa are the examples of continental plateaus.

Which of the above statements is/are correct?

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

17. Consider the following statements:

1. The atmospheric pressure is expressed in units of milibar.
2. Isobars are lines connecting places having equal pressure.
3. In the lower atmosphere the pressure decrease amount to about 1mb for each 10m increase in elevation.

Which of the above statements is/are correct?

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

18. Consider the following statements about the EL Nino:

1. The ELNino event is closely associated with the pressure changes in the central pacific and Australia.
2. The combined phenomom of southern Oscillation and ELNino is known as ENSO.

Which of the above statements is/are correct?

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

19. Consider the following statements:

1. There are about 1360 million km³ of water in the world which 1322 million km³ are in the oceans.
2. Of all the water in the world, only 0.0016 percent is in the atmosphere and only 0.001 percent is in surface water.

Which of the above statements is/are correct?

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

20. Consider the following statements:

1. A bird-foot delta is formed when the river water is lighter than sea water.
2. Mississipi and Ganga rivers makes bird-foot delta.

Which of the above statements is/are correct?

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

21. Match List-I (cyclones) with List-II (Regions) and choose the correct answer from the code given below.

List-I (Cyclones) List-II (Regions)

- (A) Willy willies 1. Philippines
(B) Baguio 2. Japan
(C) Taifu 3. Northen Australia
(D) Tropical 4. Indian Ocean

Cyclones

Code.

A B C D

(a) 1 2 3 4

(b) 3 1 2 4

(c) 3 2 1 4

(d) 1 2 4 3

22. Consider the following statements:

1. Specific Humidity is the weight of water vapour per unit weight of air, expressed as grams per kg of air.
2. Relative Humidity is the ratio of the air's actual water vapour content to its water vapour capacity at a given temperature, expressed as percentage.

Which of the above statements is/are correct?

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

23. Consider the following statements:

1. Cirrus clouds are formed at a height of 4000-7000 meter.
2. Cumulus clouds which look like cotton wool are generally formed at a height of 8000-12,000 meter.

Which of the above statements is/are correct?

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

24. Consider the following statements:

1. Between the latitudes 35° and 40° N and S of the equator, the rain is heavier on the eastern coasts and goes on decreasing towards the west.
2. Between 45° and 60° N and S of equator, the rain fall is first received on the western margins of the continents and it goes on decreasing towards the east.

Which of the above statements is/are correct?

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

25. In context of Köppen's scheme of classification of climate consider the following statements:

1. Tropical humid climate exists between the tropic of Cancer and tropic of Capricorn.
2. Tropical monsoon climate is found over the areas of Amazon basin, western equatorial Africa and the islands of East India's.

Which of the above statements is/are correct?

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

26. Consider the following statements about the tropical monsoon climate:

1. The trees of tropical monsoon land are normally deciduous.
2. The amount and frequency of rain decreases towards the end of the rainy season.
3. The forests are more open and less luxuriant than the equatorial jungle.

Which of the above statements is/are correct?

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

27. Consider the following statements about the hot, wet equatorial climate:

1. The mean monthly temperature is always around 80° F with very little variation.
2. The equatorial vegetation comprises a multitude of evergreen trees like mahogany, ebony and dyewoods.
3. The equatorial regions are generally sparsely populated.

Which of the above statements is/are correct?

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

28. Consider the following statements about the savanna climate:

1. The Sudan type of climate is characterized by an alternate hot, rainy season and cool, dry season.
2. The savanna landscape is typified by tall grass and short trees.

3. The savana climate is a transitional type of climate found between the equatorial forests and the trade wind hot deserts.

Which of the above statements is/are correct?

(a) only 1 and 3 (b) only 1 and 2 (c) only 2 and 3 (d) All the above

29. Consider the following statements:

1. The major hot deserts of the world are located on the eastern coasts of continents between latitudes 15° and 30° N and S.

2. There is no cold season in the hot deserts and the average summer temperature is around 86° F

Which of the above statements is/are correct?

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

30. Consider the following statements:

1. Bushmen are the primitive tribe of Kalahari desert.

2. Bindibu are the primitive tribe of Australian desert.

3. Red Indians are the primitive tribe of North America.

Which of the above statements is/are correct?

(a) only 1 and 3 (b) only 1 and 2 (c) only 2 and 3 (d) All the above

31. Match the List-I (Grasslands) and List-II (Regions) and choose the correct answer from the code given below.

List-I List-II

(Grasslands) (Regions)

(A) Steppes 1. Australia

(B) Pustaz 2. North America

(C) Prairies 3. Hungary

(D) Downs 4. Eurasia

Code:

A B C D

(a) 4 3 2 1

(b) 3 4 2 1

(c) 4 3 1 2

(d) 3 4 1 2

32. Consider the following statements:

1. Polar climate exist poleward beyond 70° latitude.

2. The icecap climate occurs over interior Greenland and Antarctica.

3. The main areas of marine west coast climate are Northwestern Europe, Southern Chile, Southern Australia and New Zealand.

Which of the above statements is/are correct?

(a) only 1 and 2 (b) only 1 and 3 (c) only 2 and 3 (d) All the above

33. Consider the following statements about global warming:

1. The primary Greenhouse gases are Chlorofluorocarbons, Methane, nitrous oxide and ozone.

2. The largest concentration of green houses in the atmosphere is carbon dioxide

3. The processes that warm the atmosphere are collectively referred to as the green house effect.

Which of the above statements is/are correct?

(a) only 1 and 2 (b) only 1 and 3 (c) only 2 and 3 (d) All the above

34. Consider the following statements:

1. The time taken for atmospheric CO_2 to adjust to changes in sources to sinks is 40-60 years.

2. It is estimated that the global temperature will rise by between 1°C and 3.5°C by the year 2100.

3. The mean sea level may rise upto 100 cm by the year 2100.

Which of the above statements is/are correct?

(a) only 1 and 2 (b) only 1 and 3 (c) only 2 and 3 (d) All the above

35. Consider the following statements:

1. Nearly 70 percent of the water that falls on land returns to the atmosphere through evaporation from over the oceans as well as from other places.
2. The percentage of lake's water is only 0.01 percent of the total water.

Which of the above statements is/are correct?

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

36. 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. Cold ocean current raise the temperature in cold areas.
3. Warm ocean currents decrease the temperature in warm ocean areas.

Which of the following statements is/are correct?

(a) only 1 and 2 (b) only 1 (c) only 2 and 3 (d) All the above

37. Consider the following statements:

1. The average temperature of surface water of the oceans is about 21°C
2. The rate of decrease of temperature with increasing latitude is generally 0.5°C per latitude.

Which of the above statements is/are correct?

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

38. Consider the following statements:

1. The oceans in the northern hemisphere record relatively higher temperature than in the southern hemisphere.
2. The average annual temperatures for the northern and southern hemisphere are around 12°C and 19°C respectively.

Which of the above statements is/are correct?

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

39. Consider the following statements:

1. The salinity of water in the surface layer of oceans depend mainly on evaporation and precipitation.
2. Salinity of 20.7 percent has been considered as the upper limit to demarcate brackish water.

Which of the above statements is/are correct?

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

40. Consider the following statements:

1. The average salinity of the Atlantic ocean is around 36 percent.
2. The average salinity of the Indian ocean is 37 percent.

Which of the above statements is/are correct?

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

41. Consider the following statements:

1. Humbolt is a warm current of the pacific ocean.
2. Benguela is a cold ocean current of the Atlantic ocean.
3. Agulhas is a warm current of the Indian ocean.

Which of the above statements is/are correct?

(a) only 1 and 2 (b) only 3 (c) only 1 (d) All the above

42. Consider the following statements:

1. Out of the total solar insolation that reaches the earth's surface only 0.1 percent is fixed in photosynthesis.
2. The producers include green plants and decomposers in an ecosystem.

Which of the above statements is/are correct?

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

43. Consider the following statements:

1. Tropical regions which occupy only about one-fourth of the total area of the world, contain about three-fourth of the world human population.
2. The tropical rain forests contain 65 percent of the species on the earth.

Which of the above statements is/are correct?

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

44. Consider the following statements:

1. When the sun, the moon and the earth are in straight line the height of the tide will be lower.
2. Twice in a month, when the moon's orbit is closest to the earth unusually high and low tides occur.

Which of the above statements is/are correct?

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

45. Consider the following statements:

1. An ocean current is usually strongest at the surface and decreases in strength with depth.
2. Most currents have speeds less than or equal to 5 km.

Which of the above statements is/are correct?

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

46. Consider the following statements:

1. Surface currents constitute about 40 percent of all the water in the ocean.
2. Deep water currents make up the other 60 percent of the ocean water.

Which of the above statements is/are correct?

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

47. Consider the following statements:

1. Cold water ocean currents occur when the cold water at the poles sinks and slowly moves towards the equator.
2. Warm water currents travel out from the equator along the sinking cold water.

Which of the above statements is/are correct?

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

48. In context of the forces that influence ocean currents consider the following statements:

1. Wind blowing on the surface of the ocean pushes the water to move.
2. Gravity tends to pull the water down and pile and create gradient variation.
3. Heating by solar energy affects the movement of the water body in its course.

Which of the above statements is/are correct?

(a) only 1 and 3 (b) only 1 and 2 (c) only 2 and 3 (d) All the above

49. Consider the following statements:

1. Due to the Coriolis force, the warm currents from low latitudes tend to move to the left in the northern hemisphere and to their right in the southern hemisphere.
2. The mixing of warm and cold currents help to replenish the oxygen and favour the growth of planktons.

Which of the above statements is/are correct?

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

50. Consider the following statements:

1. Ocean currents are the horizontal motion of water.
2. Waves are the continuous flow of huge amount of water in a definite direction.

Which of the above statements is/are correct?

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

51. Consider the following statements:

1. It is fact that the maximum temperature of the oceans is always at their surface because the direct heat from the sun.
2. The temperature falls very rapidly up to the depth of 200m and thereafter, the rate of decrease of temperature is slowed down.

Which of the above statements is/are correct?

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

52. Consider the following statements:

1. The trenches are relatively steep sided narrow basins are the deepest parts of the oceans.
2. As many as 57 deeps have been explored so far.
3. The highest number of trenches, 32 are in the Atlantic ocean.

Which of the above statements is/are correct?

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

53. Match List-I (Instruments) with List-II (Elements) and choose the correct answer from the code given below:

List-I List-II

(Instruments) (Elements)

- (A) Hypsometer 1. Solar radiation
(B) Pyrometer 2. Rate of evaporation
(C) Actinometer 3. Absolute height above sea level
(D) Atmometer 4. Very high temperature

Code:

A B C D

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

54. Consider the following statements about chlorofluorocarbon (CFCs):

1. CFCs are a class of chemicals that contain only atmos of chlorine and fluorine.
2. CFCs are unreactive, stable and poorly soluble in water.

Which of the above statements is/are correct?

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

55. Consider the following statements:

1. Isotherms connects points of equal mean summer temperature.
2. Isochets connects points of equal frost intensity.
3. Isorymes connects points of equal wind speed.

Which of the above statements is/are correct?

- (a) only 1 and 2 (b) only 1 (c) only 2 (d) All the above

56. Consider the following statements:

1. The average depth of the Indian ocean is 4,000 metres which is comparatively lesser than that of other oceans.
2. The eastern zone is the deepest part of the Indian ocean.

Which of the above statements is/are correct?

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

57. Consider the following statements:

1. Coral requires high mean annual temperature ranging between 20°C-21 °C for their survival.
2. The salinity ranging between 27‰ and 35‰ is the most ideal for the growth and development of coral polyps.

Which of the above statements is/are correct?

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

58. Consider the following statements:

1. Southeast Asia accounts for 32.3% of the total coral reefs of the world.
2. Atlantic and Caribbean coral reefs only account for 12% of the world total.

Which of the above statements is/are correct?

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

59. Consider the following statements:

1. The Belize Barrier Reef-second largest in the world located in Florida, USA.
2. Pulley ridge-deepest photosynthetic coral reef, located in central America.

Which of the above statements is/are correct?

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

60. Consider the following statements:

1. Coral reefs are also referred to as the rain forests because of the oceans of their tremendous biodiversity
2. Globally, 58% of the world's coral reefs are at risk from human activities.

Which of the above statements is/are correct?

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

61. Consider the following statements:

1. Gran Pantanal of Mato Grosso state in Brazil is the world's largest and most pristine wetland.
2. A geyser is a spring that throws forth intermittent jets of heated water and steam.

Which of the above statements is/are correct?

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

62. Consider the following statements:

1. Ecosystem is an example of biosphere.
2. Ecosystem of any given space-time unit represents the sum of all living organisms and physical environment.
3. Ecology is a science that studies the interdependent, mutually reactive and interconnected relationships between the organisms and their physical environment on the one hand and among the organisms on the other hand.

Which of the above statements is/are correct?

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

63. Consider the following statements:

1. India is one of the mega biodiversity centres in the world and has three of the world's 18 biodiversity hotspots located in Western Ghats, Eastern Himalayas and Western Himalayas.
2. The Thar Desert and the Himalayas are two regions rich in biodiversity in India.

Which of the above statements is/are correct?

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

64. Consider the following statements in context of the Red List of Threatened Animals (IUCN):

1. India ranks second in terms of the number of threatened mammals.
2. India is sixth in terms of countries with the most threatened birds.

Which of the above statements is/are correct?

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

65. Consider the following statements:

1. Beta diversity refers to diversity within a particular area, community or ecosystem and is measured by counting the number of taxa within the ecosystem.
2. Gamma diversity is a measure of the overall diversity for different ecosystems within a region.

Which of the above statements is/are correct?

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

66. Consider the following statements:

1. Chilean winter rainfall Valdivian forests is a biodiversity hotspot in South America.
2. Tumbes-Choco-Magdolena is a biodiversity hotspot in Europe.

Which of the above statements is/are correct?

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

67. Consider the following statements in context of the Ramsar list of wetlands:

1. Deepor Beel wetland is located in Assam.
2. Tsomoriri wetland is located in Sikkim.
3. Kanjli wetland is located in Punjab.

Which of the above statements is/are correct?

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

68. Consider the following statements:

1. 2nd February celebrated as World Wetland Day.
2. It marks the date of the adoption of the Convention on Wetlands on 2nd February 1981, in the Iranian city of Ramsar.

Which of the above statements is/are correct?

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

69. Consider the following statements:

1. Samun is a warm local wind of Saudi Arabia.
2. Levanter is a cold local wind of France.
3. Khamsin is a warm local wind of Egypt.

Which of the above statements is/are correct?

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

70. Consider the following statements:

1. Jet streams are narrow meandering bands of swift winds that are embedded in the prevailing westerlies and encircle the globe.
2. In the mid-latitudes Jet streams blow from west to east in the upper troposphere near the tropopause.

Which of the above statements is/are correct?

- (a) only 1 (b) only 2 (c) Both 1 and 2 (d) All the above

71. Consider the following statements:

1. The pressure of the air falls when its temperature rises.
2. The temperature of air falls when its pressure falls.

Which of the above statements is/are correct?

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

72. Consider the following statements:

1. Air pressure at sea level is higher than it is at the top of a mountain.
2. 90 percent of atmospheric mass is concentrated below 32 km.

Which of the above statements is/are correct?

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

73. Consider the following statements:

1. The difference between the mean temperature of any place and the mean temperature of its parallel is called the temperature anomaly.
2. The anomaly is said to be negative when the temperature at a place is less than the expected temperature of the latitude.

Which of the above statements is/are correct?

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

74. Consider the following statements:

1. An air mass is a large body of air where physical properties like temperature and moisture content are relatively uniform horizontally.
2. Most of the major weather changes in the middle and higher latitudes are a result of advance and interaction between the air masses.

Which of the above statements is/are correct?

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

75. Consider the following statements:

1. Asia covers about 30 percent of the world's landmass.
2. Red sea and Bering straits separates it from North America.
3. Ural mountain and Black sea separates it from Europe.

Which of the above statements is/are correct?

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

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