



1. Answer the following questions briefly.

- (a) What are the four major domains of the earth?
- (b) Name the major continents of the earth.
- (c) Name the two continents that lie entirely in the Southern Hemisphere.
- (d) Name the different layers of atmosphere.
- (e) Why is the earth called the 'blue planet'?
- (f) Why is the Northern Hemisphere called the land Hemisphere?
- (g) Why is the biosphere important for living organisms?

Answer:

- (a) The four major domains of the earth are—Lithosphere, Atmosphere, Hydrosphere and Biosphere.
- (b) Asia, Europe, Africa, North America, South America, Australia and Antarctica.
- (c) Australia and Antarctica.
- (d) Troposphere, Stratosphere, Mesosphere, Thermosphere and Exosphere.
- (e) More than 71% of the earth is covered with water. Hence, it is known as the 'blue planet'.
- (f) The greater part of the landmass lies in the Northern Hemisphere. Hence, it is called the land Hemisphere.
- (g) Biosphere is important for living organisms because it is here that three essential elements of life (land, water and air) are found.

2. Tick the correct answer.

- (a) The mountain range that separates Europe from Asia is
 - (i) the Andes
 - (ii) the Himalayas
 - (iii) the Urals.
- (b) The continent of North America is linked to South America by
 - (i) an Isthmus
 - (ii) a Strait
 - (iii) a Canal.
- (c) The major constituent of atmosphere by percent is
 - (i) Nitrogen
 - (ii) Oxygen
 - (iii) Carbon dioxide.
- (d) The domain of the earth consisting of solid rocks is
 - (i) the Atmosphere
 - (ii) the Hydrosphere
 - (iii) the Lithosphere.
- (e) Which is the largest continent?
 - (i) Africa
 - (ii) Asia
 - (iii) Australia

Answer: (a)—(iii), (b)—(i), (c)—(i), (d)—(iii), (e)—(ii).

3. Fill in the blanks.

- (a) The deepest point on the earth is in the Pacific Ocean.
- (b) The..... Ocean is named after a country.
- (c) The..... is a narrow contact zone of land, water and air that supports life.
- (d) The continents of Europe and Asia together are known as.....
- (e) The highest mountain peak on the earth is.....

Answer:

- (a) Mariana Trench
- (b) Indian
- (c) Biosphere
- (d) Eurasia
- (e) Everest.

Things to do

1. Cut the outline of the continents from an outline map of the world and arrange them according to their decreasing sizes.

Answer: For' self-attempt.

2. Cut the outline of the continents from an outline map of the world and try to fit them together as a jig-saw puzzle.

Answer: For self-attempt.

3. Collect pictures of expeditions to the Himalayas. Write about the kind of equipment carried by the climbers for protection against sunshine, temperature and the lack of air.

Answer: The mountaineers carry oxygen cylinders to be able to breath at high altitudes. They wear special jacket to avoid temperature. They also wear sunglasses and cap to save themselves from the scorching heat of the sun.



Fig. Expeditions to the Himalayas.

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