



CLASS NOTES-ANSWERS

Exercises

A) Match The Following

1) Lithosphere	a) ocean
2) Hydrosphere	b) mountain
3) Atmosphere	c) plants, animals and tiny organisms
4) Biosphere	d) industrial smoke
5) Pollution	e) air

B) Write 'T' for true and 'F' for false. Rewrite the incorrect sentences to correct them.

Hydrosphere comprises water in all its forms	T
Atmosphere is the blanket of air that surrounds the Earth	T
Life is possible on the Earth only because of air	F
Plateaus have pointed peaks	F
Biosphere is a wide zone of contact between Atmosphere and hydrosphere	F

C) Complete the sentences.

- 1) The unevenness of Lithosphere is visible in the form of mountains, valleys, Plateaus, and plains.
- 2) Solid water includes ice whereas the water present as vapour in air is gaseous.
- 3) Atmosphere protects us from the harmful effect of the rays of the sun.
- 4) Atmosphere is held to the Earth by force of gravity.



- 5) Plants, animals, human beings, and tiny organisms are all part of the biosphere.

Answer the following questions:

- 1) What is Lithosphere?

Answer: Lithosphere is land or the outermost solid parts of the Earth composed of rocks and soils.

- 2) Distinguish between Lithosphere and hydrosphere?

Answer: Lithosphere is the outermost solid part of the Earth composed of rocks and soils. It includes mountains, Valleys, Plateaus, plains etc.

Hydrosphere comprises water present on Earth in all its forms- solid, liquid, and gaseous. It includes oceans, seas, rivers, lakes, ice and so on.

- 3) Write a short note on atmosphere.

Answer: The entire planet Earth is surrounded by a blanket of air. This is the atmosphere. It is a mixture of many gases held to the Earth by the force of gravity. The atmosphere contains the air we breathe. It also protects us from the harmful effects of the rays of the sun.

- 4) What is a biosphere?

Answer: The three realms of the Earth- Lithosphere, hydrosphere and atmosphere meet in a narrow zone called biosphere. Life is found in the zone of contact between the other three realms.

- 5) How are human beings harming the environment?



Answer: Human beings are harming the **environment** in several ways. Reckless cutting down of forests, the Pollution of soil and water by industrial wastes and air pollution due to vehicular and industrial smoke harm the realms of the Earth.

Think it over (HOTS)

1) Which of the four realms do you think is the most important for living things and why?

Answer: Biosphere is one of the most important for human life as it provides the life.

