

Class 4- Social Studies

Chapter : Domains of the Earth

Do the following question and answers:

Q1. What is lithosphere? How is it useful for us?

Ans. The lithosphere is the 'solid' part of the Earth.

Soil is the uppermost layer of the Earth's crust in which the plant grows. Indirectly, soil supports life on the Earth as all living beings depend on plants for their food.

Q2. Write the importance of hydrosphere.

Ans. The hydrosphere includes oceans, seas, ponds, rivers, streams, and covers about three fourth of the Earth's surface.

Importance of water:-

- All living beings need water to drink.
- Plants need water to make their food.
- Water is important for irrigation (the supply of water to land in order to grow crops) in agriculture.
- Water is used for domestic purposes like cooking, washing and cleaning.

Q3. What is atmosphere? Name its different layers.

Ans. The Earth is surrounded by a layer of air called atmosphere.

The earth's atmosphere is divided into five layers :-

- Troposphere: Weather changes takes place in the Troposphere
- Stratosphere: This layer contains the Ozone layer that absorbs the Sun's harmful ultraviolet rays.
- Mesosphere
- Thermosphere
- Exosphere

Q4. What is the importance of atmosphere?

Ans. * All living beings need air to live. Therefore, atmosphere is very important for us.

- It serves as a medium for the movement of heat and sound waves.
- It is important mode of transportation.
- Air greatly affects the climate of the entire Earth.

Q5. What constitutes biosphere?

Ans. Biosphere is the narrow zone of contact where land , water and air meet and overlap and where plants and animals life exists.

Q6. Why is the Sun important for Earth?

Ans. The Earth revolves around the Sun and depends on it for light and heat. All living beings directly or indirectly depends on plants for their food. Plants need sunlight to prepare food. Thus, without the presence of light, life would impossible on Earth.