

Subject:-science.

Class. - V

Chapter - 3

Air and water

Q1 Answer these questions :

1. What do you understand by the term ' atmosphere ' ? Name the different layers of atmosphere.

Ans Air is present all around us. The layer of air which surrounds the earth is called atmosphere. The atmosphere is upto 300 Km around the earth . It acts as a shield for the earth.

The different layers of atmosphere are given below:

1. Troposphere
2. Stratosphere
3. Mesosphere
4. Thermosphere
5. Exosphere

2. Why do we feel uncomfortable on a humid day ?

Ans When there is more water vapour , we say that the air is humid. When the air is dry , we say it has low humidity. High humidity makes us feel uncomfortable as our perspiration does not evaporate easily.

3. In what way is the exhaled air different from inhaled air ?

Ans The air we breathe in is called inhaled air. The air we breathe out is called exhaled air.

B. Fill in the blanks :

1. Air has weight and occupies space.
2. Exposhere is the thinnest layer of atmosphere.
3. Animals take nitrogen from plants.
4. Humidity is the amount of water vapour present in the air.
5. Soluble impurities can be removed by Evaporation and distillation.

C . Write true and false

1. Troposphere is the heaviest layer true
2. Oxygen gas is filled in gas balloon false
3. Air exerts pressure only downwards false
4. Sugar is insoluble in water false
5. Water must be purified before drinking true

D. Tick the correct answer

1. The nitrogen in air is

Ans 78 %

2. Ozone layer is present in :

Ans Stratosphere

3. The inspired air is rich in :

Ans Oxygen

