

Chapter- 12

Our Life Support

WORKSHEET

I. Choose the correct answer.

1. What is / are the importance of atmosphere?

- a. It protects us from UV rays of the sun.
- b. It protects us from meteorites.
- c. It retains heat of the sun.
- d. All of the above.

2. Which layer of atmosphere merges with the space?

- a. Stratosphere
- b. Mesosphere
- c. Thermosphere
- d. Exosphere

3. The gas useful to plants for photosynthesis.

- a. Nitrogen
- b. Oxygen
- c. Carbon dioxide
- d. Neon

4. The process of settling down of heavy insoluble impurities in water.

- a. Distillation
- b. Evaporation
- c. Sedimentation
- d. Decantation

5. The gas that protects us from the harmful ultraviolet rays from the sun is found in

- a. Troposphere
- b. Stratosphere
- c. Thermosphere
- d. Mesosphere

II. Fill in the blanks.

1. Argon is used to produce colourful glow in glass tubes.
2. Plants get nitrogen from with the help of bacteria in the soil.
3. Air exerts pressure in all directions.
4. The purest form of natural water is rain water.
5. Soluble impurities can be removed from water by evaporation.

III. Change the underlined word to make the statement correct.

1. Space shuttles move in the mesosphere layer.

Space shuttles move in the thermosphere layer.

2. The atmosphere is held in around the earth by the sun's gravity.

The atmosphere is held in around the earth by the earth's gravity.

3. Hydrogen is used to produce a colourful glow in glass tubes.

Argon is used to produce a colourful glow in glass tubes.

4. The cold drink comes up in the straw because of the pressure of water.

The cold drink comes up in the straw because of the pressure of air.

5. The burner is used to cool the water vapour in the process of distillation.

The condenser is used to cool the water vapour in the process of distillation.

IV. Give answer in one word.

1. The thick blanket of air that surrounds our planet. Atmosphere
2. The amount of water vapour present in the air. Humidity
3. The method of disinfecting water with a small amount of chlorine gas. Chlorination
4. This water is used in car batteries. Distilled water
5. The gas used for burning. Oxygen