

WELCOME TO THE ONLINE CLASS

SESSION NO.: 5

CLASS: 5

SUBJECT: SCIENCE

CHAPTER NUMBER: 12

CHAPTER NAME: OUR LIFE SUPPORT

**TOPIC: REVISION-4 DO AS DIRECTED, ANSWER THE FOLLOWING
QUESTIONS**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **revise the topics.**

A. Do as directed.

1. The higher we go, the _____ is the air pressure. [Fill in the blanks.]
2. Boiling : Disease-causing germs :: Sedimentation : _____.
[Complete the series.]
3. The thick blanket of air that surrounds the earth. [Give answer in one word.]
4. The air we breathe out. [Give answer in one word.]
5. Rainwater is mainly used in car batteries, science experiments and in medicines. [Change the underlined word to make the statement correct.]

B. Answer the following questions.

- 1. A bottle of coke or soda should not be left in the freezer for a long time. Why?**
- 2. On the night of Diwali, sometimes we have difficulty in breathing. Why?**
- 3. Why should drinking water be purified?**
- 4. How is air useful to us?**
- 5. When a burning candle is covered with a glass, it gets extinguished. Why does this happen? What does this activity show?**

**TIME FOR
ANSWERS**



A. Do as directed.

1. The higher we go, the _____ is the air pressure. [Fill in the blanks.]

Ans: lower

2. Boiling : Disease-causing germs :: Sedimentation : _____.
[Complete the series.]

Ans: Insoluble impurities

3. The thick blanket of air that surrounds the earth. [Give answer in one word.]

Ans: Atmosphere

4. The air we breathe out. [Give answer in one word.]

Ans: exhaled air / expired air

5. Rainwater is mainly used in car batteries, science experiments and in medicines. [Change the underlined word to make the statement correct.]

Ans: Distilled water

B. Answer the following questions.

1. A bottle of coke or soda should not be left in the freezer for a long time. Why?

Ans: Water expands when cooled. The coke in the bottle will also expand when frozen because it do contain water. This pressure causes the bottle to expand and burst when left in the freezer for too long.

2. On the night of Diwali, sometimes we have difficulty in breathing. Why?

Ans: We feel difficulty in breathing on the night of Diwali because continuous firing of crackers release large amount of harmful gases in the air that result in the decrease of concentration of oxygen available for breathing as compared to the other harmful gases.

3. Why should drinking water be purified?

Ans: Drinking water should be purified to remove impurities and disease-causing germs.

B. Answer the following questions.

4. How is air useful to us?

Ans: Air is useful to us in the following ways:

- It is used for breathing.
- It is used for burning.
- Moving air can support parachutes, gliders and kites.
- It is used to inflate footballs and tubes of vehicles.
- It can also push sailboats.
- It can turn the blades of windmills.
- It is used to draw water and generate electricity.

5. When a burning candle is covered with a glass, it gets extinguished. Why does this happen? What does this activity show?

Ans: When a burning candle is covered with a glass, it gets extinguished. This happens because when we cover the candle with glass then the supply of oxygen gets cut off. Therefore, the candle gets extinguished. This activity shows that air which contains oxygen is needed for burning.

HOMEWORK

- **Learn Ch- 2, 9, 12.**

LEARNING OBJECTIVE

To enable the learner to:

- **revise the topics.**

THANKING YOU
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