

# WELCOME TO THE ONLINE CLASS

**SESSION NO.: 9**

**CLASS: 5**

**SUBJECT: SCIENCE**

**CHAPTER NUMBER: 12**

**CHAPTER NAME: OUR LIFE SUPPORT**

**TOPIC: ACTIVITY / CLASS TEST**

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**CHANGING YOUR TOMORROW**

# LEARNING OBJECTIVE

**To enable the learner to:**

- **assess the understanding of the students.**

# DIY WATER FILTER

**DIY**  
**WATER**  
**FILTER**



## A. Tick the correct answer. [5]

1. This gas is present in the maximum percentage.

  - a. Oxygen
  - b. Carbon dioxide
  - c. Nitrogen
  - d. Argon
2. The layer of atmosphere that merges with the space.

  - a. Mesosphere
  - b. Thermosphere
  - c. Exosphere
  - d. Troposphere
3. This process is used to remove insoluble impurities from water.

  - a. Decantation
  - b. Chlorination
  - c. Distillation
  - d. Evaporation
4. Which of the following chemicals can be used to kill the germs?

  - a. Chlorine
  - b. Alum
  - c. Potassium permanganate
  - d. Both a and c
5. This water is mainly used in car batteries, science experiments and in medicines.

  - a. Boiled water
  - b. Distilled water
  - c. Tap water
  - d. Sea water

## **B. Answer these questions.**

- 1. Write the various steps involved in the purification of drinking water. [2]**
- 2. How is water useful to us? [2]**
- 3. Mention the properties of air. [3]**
- 4. What are the various types of impurities in water? [3]**
- 5. Draw a labelled diagram of distillation. [5]**

# ANSWERS

## A. Tick the correct answer. [5]

- This gas is present in the maximum percentage.
  - Oxygen
  - Carbon dioxide
  - Nitrogen**
  - Argon
- The layer of atmosphere that merges with the space.
  - Mesosphere
  - Thermosphere
  - Exosphere**
  - Troposphere
- This process is used to remove insoluble impurities from water.
  - Decantation**
  - Chlorination
  - Distillation
  - Evaporation
- Which of the following chemicals can be used to kill the germs?
  - Chlorine
  - Alum
  - Potassium permanganate
  - a and c are correct**
- This water is mainly used in car batteries, science experiments and in medicines.
  - Boiled water
  - Distilled water**
  - Tap water
  - Sea water

## **B. Answer these questions.**

**1. Write the various steps involved in the purification of drinking water. [2]**

**Ans: The various steps involved in the purification of drinking water are: sedimentation, filtration and chlorination.**

**2. How is water useful to us? [2]**

**Ans: Water is useful to us in the following way:**

- **Drinking**
- **Washing**
- **Cooking**
- **bathing , etc.**

**3. Mention the properties of air. [3]**

**Ans: The properties of air are:**

- **Air has weight.**
- **Air exerts pressure.**
- **Air takes up space.**



## B. Answer these questions.

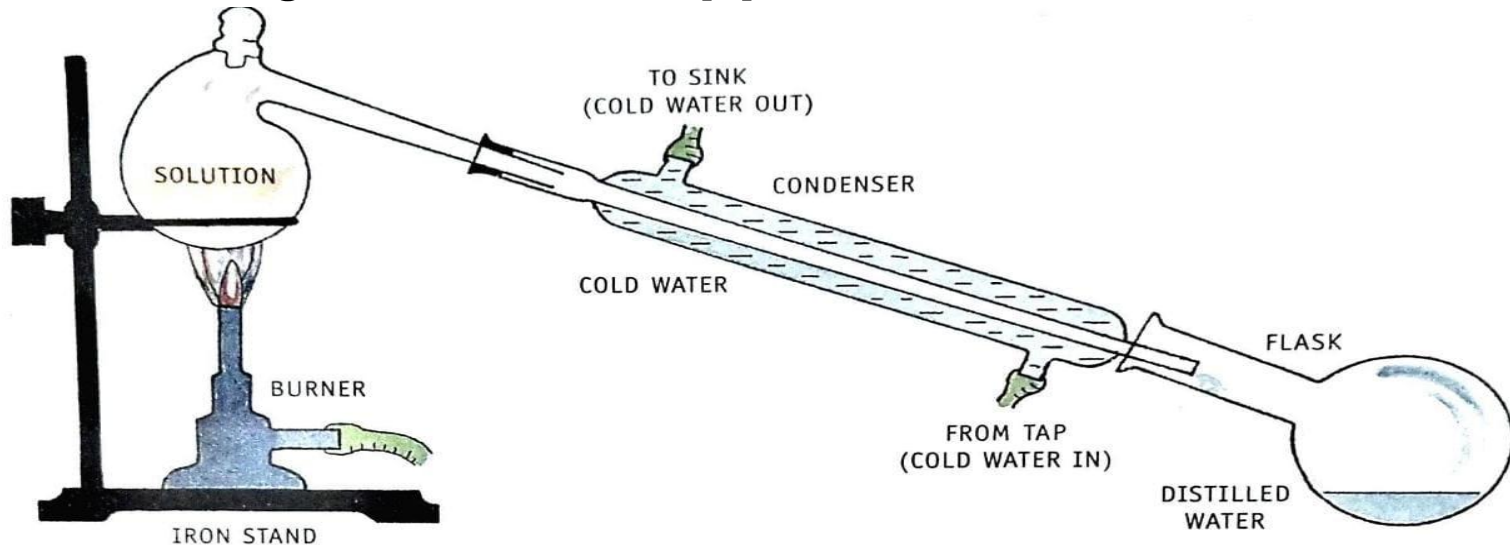
4. What are the various types of impurities in water? [3]

Ans: the various types of impurities in water are

- Insoluble impurities
- Soluble impurities
- Disease- causing germs.

5. Draw a labelled diagram of distillation. [5]

Ans:



# HOMEWORK

- Learn the Q & A

# ONLINE GAME

<https://create.kahoot.it/share/our-life-support/d832de70-e76a-4a70-9311-3dfcc8ccbdd8>

# LEARNING OUTCOME

**The learner will be able to:**

- **assess the understanding of the students.**

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**