



How to Purify Water

A. Choose the Correct Answer:

1. Which of the following is a way to purify water at home?

- a) Adding salt
- b) Boiling the water
- c) Mixing oil
- d) Freezing the water

2. What does boiling water do?

- a) Makes it dirty
- b) Kills germs and bacteria
- c) Adds more water
- d) Changes its color

3. Which of these is used in water filters?

- a) Sand and gravel
- b) Sugar and salt
- c) Paper and plastic
- d) Oil and soap

B. Fill in the Blanks:

1. Boiling water helps to kill _____.
2. We can use a _____ to remove dirt and small particles from water.
3. Clean water is important for good _____.

C. Case Study:

Ravi and Meera visited their grandmother's village, where they saw people collecting water from a pond. The water was muddy and had leaves floating in it. Their grandmother explained that they needed to filter and boil the water before drinking it.

After filtering and boiling, the water became clear. Ravi and Meera noticed that they felt safe drinking the purified water.

Case Study Questions:

1. Why was the pond water not safe to drink directly?
2. What did the grandmother do to make the water safe?
3. Why is boiling water important for health?
4. What changes did Ravi and Meera notice after purifying the water?

D. Short Answer Questions:

1. Why should we drink clean water?
2. What is one simple method to clean water at home?



3. How does a water filter help in purifying water?

E. Long Answer Questions:

1. Explain two common methods of purifying water at home and why they are important.
 2. Why is it necessary to drink clean and safe water?
 3. Describe how water purification helps prevent diseases.
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