

Unit - 2. Water

Class: V

Subject: Science

I. Choose the correct answers:

1. Which of the following microorganisms causes waterborne diseases?
a) Bacteria b) Virus c) Protozoa **d) All**
2. Water is present in huge quantities as vapor and clouds in the
a) sky b) earth **c) atmosphere** d) rain
3. _____ water is free from suspended impurities.
a) Sea b) Well c) River **d) Underground**
4. _____ of water is in oceans and seas.
a) 97% b) 87% c) 47% d) 77%
5. _____ is an artificial process of converting seawater into freshwater.
a) Distillation b) Decantation c) Reverse Osmosis **d) Desalination**

II. Fill in the blanks:

1. The accumulated underground water comes out in the form of A Spring
2. The process of changing water into water vapor by the heat of the Sun is called Evaporation
3. Rainwater forms streams and springs which join together to form rivers.
4. The process of collecting and storing rainwater is called Rainwater harvesting
5. Cholera is caused by Bacteria (Vibrio Cholerae)

III. Match the following:

- | | | |
|-------------------------|---|--------------------------|
| 1. Leakage of oil | - | pollute marine organisms |
| 2. Reservoir | - | Man- made lake |
| 3. Distillation | - | Cloud |
| 4. Rainwater harvesting | - | Plant growth |
| 5. Swine Flu | - | Influenza virus |

IV. Answer briefly:

1. Write down the sources of water.

- River water and lake water
- Seawater
- Well water

- Spring water
- Underground water

2. What is desalination?

Desalination is an artificial process of converting saline water (seawater) into freshwater.

3. What are the processes involved in the water cycle?

Water cycle consists of the following four processes:

- Evaporation
- Condensation
- Precipitation
- Flowing back to oceans.

4. What are reservoirs?

A reservoir is an artificial/man-made lake, where water is stored. Most reservoirs are formed by constructing dams across rivers. A reservoir can also be formed from a natural lake.

5. How can we prevent dengue fever?

We can prevent dengue fever by the following steps:

- Spray the house with anti-mosquito spray.
- Try to wear clothes that cover skin areas.
- Close the doors and windows during early morning and evening.
- Do not leave stagnant water lying anywhere in and around the house.

V. Answer in detail:

1. Write the advantages of rainwater harvesting.

Advantages:

- Rainwater harvesting can reduce flooding in the cities.
- Rainwater harvesting can reduce top soil loss.
- Groundwater level can be increased.
- Groundwater can be conserved.
- It can improve plant growth.

2. How can we prevent waterborne diseases

- Good personal hygiene should be practiced and basic sanitation should be improved.
- Chlorinated and boiled water should be used for drinking.
- Drink boiled or pasteurized milk.

- Dispose of infectious wastes properly.

