

Chapter – 2

Water

Evaluation

I. Choose the correct answers:

Question 1.

Which of the following microorganisms causes waterborne diseases?

- a) Bacteria
- b) Virus
- c) Protozoa
- d) All

Answer:

(d) All

Question 2.

Water is present in huge quantities as vapor and clouds in the

- a) sky
- b) earth
- c) atmosphere
- d) rain

Answer:

(c) Atmosphere

Question 3.

_____ water is free from suspended impurities.

- a) Sea
- b) Well
- c) River
- d) Underground

Answer:

(d) Underground

Question 4.

_____ of water is in oceans and seas.

- a) 97%
- b) 87%
- c) 47%
- d) 77%

Answer:

(a) 97%

Question 5.

_____ is an artificial process of converting seawater into freshwater.

- a) Distillation
- b) Decantation
- c) Reverse Osmosis
- d) Desalination

Answer:

(d) Desalination

II. Fill in the blanks:

Question 1.

The accumulated underground water comes out in the form of _____.

Answer:

A Spring

Question 2.

The process of changing water into water vapor by the heat of the Sun is called _____.

Answer:

Evaporation

Question 3.

Rainwater forms streams and _____ which join together to form rivers.

Answer:

springs

Question 4.

The process of collecting and storing rainwater is called _____.

Answer:

Rainwater harvesting

Question 5.

Cholera is caused by _____.

Answer:

Bacteria (Vibrio Cholerae)

III. Match the following:

- | | | | |
|----|----------------------|---|--------------------------|
| 1. | Leakage of oil | - | Dam |
| 2. | Reservoir | - | Plant growth |
| 3. | Distillation | - | Pollute marine organisms |
| 4. | Rainwater harvesting | - | Influenza virus |
| 5. | Swine Flu | - | Desalination process |

Answer:

- | | | | |
|----|----------------------|---|--------------------------|
| 1. | Leakage of oil | - | Pollute marine organisms |
| 2. | Reservoir | - | Dam |
| 3. | Distillation | - | Desalination process |
| 4. | Rainwater harvesting | - | Plant growth |
| 5. | Swine Flu | - | Influenza virus |

IV. Answer briefly:

Question 1.

Write down the sources of water.

Answer:

- River water and lake water
- Seawater
- Well water

- Springwater
- Underground water

Question 2.

What is desalination?

Answer:

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

Question 3.

What are the processes involved in the water cycle?

Answer:

Water cycle consists of the following four processes:

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

Question 4.

What are reservoirs?

Answer:

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.

Question 5.

How can we prevent dengue fever?

Answer:

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:

Question 1.

Write the advantages of rainwater harvesting.

Answer:

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.

Question 2.

How can we prevent waterborne diseases?

Answer:

- 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.