

Long Answer Questions

Q.1. Write four ways of water management.

Ans. (a) Avoid bath under a running shower, instead use a mug.

(b) Get leaking pipelines repaired.

(c) Avoid shaving and brushing teeth with running tap water.

(e) Avoid overflowing of water in buckets.

Q.2. Give reasons for the following.

Q. Put a layer of mulch (leaves, barks, etc.) around the plants and trees.

Ans. A layer of mulch is put around the plants and trees for better absorption of water and to avoid run-off.

Q. Water the plants before sunrise or after sunset.

Ans. Plants should be watered before sunrise or after sunset because water evaporates more quickly in sunlight.

Q. Drip irrigation helps in conserving water.

Ans. By drip irrigation there is no loss of water due to seepage, run-off or evaporation. Therefore, it helps in conserving water.

Q. In spite of huge availability of water on the earth, there is not enough for human consumption.

Ans. There is not enough water for human consumption because most of the water on earth is in seas and oceans which is not potable.

Q.3. Explain the factors responsible for the depletion of water table.

Ans.

- **Increasing population:** decreases open areas which decreases seepage of rainwater.
- **Increasing industries:** more water is drawn out from ground.
- **Agricultural activities:** irrigation systems fail due to erratic rainfall which results in increased use of groundwater.
- Uneven distribution of rainfall
- Scanty rainfall
- Deforestation

