

Water Scarcity and Conservation

Chapter 1: Water — The Essence of Life · Topic 2

Key Concept

Water scarcity can happen due to overuse, pollution, population growth, and changing weather patterns like reduced rainfall.

Some regions face severe water scarcity, forcing people to travel long distances for water or rely on limited, sometimes unsafe, water sources.

Conservation methods include rainwater harvesting, fixing leaks, using water-efficient appliances, and reusing water when possible.

Addressing water scarcity requires both individual efforts to conserve water and larger community or government actions, like building better water infrastructure.

Quick Revision Notes

- Water scarcity means not having enough water for needs.
- Causes include overuse, pollution and population growth.
- Reduced rainfall can also cause water scarcity.
- Some regions face severe water scarcity.
- People may travel far for water in scarce regions.
- Conservation methods include rainwater harvesting and fixing leaks.
- Water-efficient appliances help conserve water.
- Addressing scarcity needs both individual and community action.

Practice Questions

- 1 Discuss a region facing water scarcity, if you know of one.
- 2 List three ways to conserve water at home.
- 3 Research rainwater harvesting methods.
- 4 Discuss why population growth can affect water availability.
- 5 Suggest a community-level water conservation idea.
- 6 Explain why water scarcity is a serious problem.