

CHAPTER-3 | Water Resources

QUIZ
PART-03

1. Which problem is caused by excessive sedimentation at the bottom of reservoirs?
- A. Increase in aquatic organisms
 - B. Rockier stream beds
 - C. Reduction in dam height
 - D. Improved water quality (B)

Explanation : Excessive sedimentation leads to rockier stream beds and poorer habitats for aquatic life.

2. What does the fragmentation of rivers due to dams mainly affect?
- A. Speed of river flow
 - B. Migration of aquatic animals
 - C. Water temperature
 - D. Formation of waterfalls (B)

Explanation: Fragmentation creates difficulties for aquatic animals to migrate and spawn.

3. Which movement opposed the Sardar Sarovar Dam project?
- A. Chipko Movement
 - B. Tehri Dam Andolan
 - C. Narmada Bachao Andolan
 - D. Save Western Ghats Movement (C)

Explanation: Narmada Bachao Andolan opposed the dam to protect environment and ensure rehabilitation of displaced people.

4. In which state is the Sardar Sarovar Dam located?
- A. Rajasthan
 - B. Maharashtra
 - C. Madhya Pradesh
 - D. Gujarat (D)

Explanation : The Sardar Sarovar Dam is built across the Narmada river in Gujarat.

5. Which problem occurs when irrigation due to dams leads farmers to shift to water-intensive crops?
- A. Waterlogging
 - B. Salinization of soil
 - C. Drought
 - D. Desertification (B)

Explanation: Shifting to water-intensive crops causes ecological issues like salinization of soil.

6. The Krishna-Godavari dispute was caused by diversion of water at Koyna by which state?
- A. Karnataka
 - B. Andhra Pradesh
 - C. Maharashtra
 - D. Telangana (C)

Explanation: Maharashtra diverted water at Koyna, reducing downstream flow in Karnataka and Andhra Pradesh.

7. Why have some dams failed to control floods during heavy rainfall?
- A. Poor construction materials
 - B. Sedimentation reduces reservoir capacity
 - C. Lack of government support
 - D. Less rainfall than expected (B)

Explanation: Sedimentation reduces capacity, and releasing water during heavy rainfall worsens floods.

8. Which of these is NOT listed as a problem caused by large dams?
- A. Water-borne diseases
 - B. Induced earthquakes
 - C. Increased rainfall
 - D. Pollution (C)

Explanation: Increased rainfall is not caused by dams; other listed problems are direct consequences.

9. What is an effect of submergence due to dam reservoirs?
- A. Increase in soil fertility
 - B. Decomposition of vegetation
 - C. Decrease in water temperature
 - D. Formation of new forests (B)

Explanation: Submergence of soil and vegetation leads to decomposition over time.

10. Which states benefit from the Sardar Sarovar Project apart from Gujarat?
- A. Rajasthan, Maharashtra, Madhya Pradesh
 - B. Karnataka, Telangana, Odisha
 - C. Punjab, Haryana, Uttar Pradesh
 - D. Bihar, Jharkhand, Chhattisgarh (A)

Explanation : The project covers Gujarat, Rajasthan, Maharashtra, and Madhya Pradesh.