

## Chapter- 03

**WATER****WORKSHEET****Sub Topic: Water Scarcity and The Need for Water Conservation and Management**

1. Define water scarcity?
2. Mention reasons of increasing water scarcity?
3. What is water stress?
4. You grow up in a city of Gujarat and have witnessed many changes. Mention some of the reasons you find for decrease in the water sources.
5. Question I. Based on the information given below classify each of the situations as 'suffering from water scarcity' or 'not suffering from water scarcity'.
  1. Region with high annual rainfall.
  2. Region having high annual rainfall and large population.
  3. Region having high annual rainfall but water is highly polluted.
  4. Region having low rainfall and low population.
6. Explain how water becomes a renewable resource.
7. What is water scarcity and what are its main causes?

**Sub Topic: Multi-Purpose River Projects and Integrated Water Resources Management**

1. Name hydraulic structures of ancient India.
2. What is multi-purpose river valley project? Give Example.
3. Mention merits and demerits of constructing dams.
4. Name any 5 dam and the river they are built over in India.
5. Which one of the following statements is not an argument in favor of multipurpose river projects?
  1. Multi-purpose projects bring water to those areas which suffer from water scarcity.
  2. Multi-purpose projects by regulating water flow help to control floods.
  3. Multi-purpose projects lead to large scale displacements and loss of

livelihood.

4. Multi-purpose projects generate electricity for our industries and our homes.
6. Compare the advantages and disadvantages of multi-purpose river projects.

### Sub Topic: Rainwater Harvesting

1. Explain rain water harvesting with diagram.
2. Mention some of the examples of rain water harvesting followed in local areas of India.
3. Discuss how rainwater harvesting in semi-arid regions of Rajasthan is carried out
4. Describe how modern adaptations of traditional rainwater harvesting methods are being carried out to conserve and store water.

### Sub Topic: Map Practice (to be evaluated in Board Examination)

1. On which river the Sardar Sarovar Dam built?
2. Name any two river valley projects or dams which have led to social movements.
3. Practice Map skill: Dams of India
  - *Dam on river Narmada*
  - *Tehri Dam*
  - *Sardar Sarovar dam*
  - *Rana Pratap Sagar Dam*
  - *Bhakhra Nangal Project*
  - *Hirakud Dam*

ODM EDUCATIONAL GROUP  
Changing your Tomorrow