

Exercise

General Instructions:

- (i) Question no. **1-15** are very short answer questions. These are required to be answered in **one sentence** each.
- (ii) Questions no. **16-30** are short answer questions. Answers to them should normally not exceed **70** words each.
- (iii) Questions no. **31-45** are long answer questions. Answer to them should normally not exceed **100** words each.
- (iv) Answer should be brief and to the point and the above limits should be adhered to as far as possible.

Very short answer type

(1 mark)

- Question 1.** Why humans have chosen to live near water sources through the ages?
- Question 2.** Name various sources of water.
- Question 3.** Name the largest artificial lake of 11th century.
- Question 4.** What per cent of the total volume of world's water is estimated to exist as ocean?
- Question 5.** Fresh water is available in what forms?
- Question 6.** What is India's rank in terms of water availability per person per annum?
- Question 7.** How much water is stored as groundwater?
- Question 8.** What percentage of total global precipitation is received by India?
- Question 9.** How much earth surface is covered with water?
- Question 10.** What is the total contribution of hydel power in India?
- Question 11.** What are the two industrial uses of water?
- Question 12.** Name the tank constructed by Iltutmish.
- Question 13.** Which Indian city had well developed water harvesting system in first century B.C?
- Question 14.** Name two states that were affected by 2006 floods.

Question 15. In which year India will also be in list of water scarcity countries?

Short answer type

(2 & 3 marks)

Question 16. 'The availability of water resources varies over space and time'. Why?

Question 17. What do you mean by water scarcity? What are its major causes?

Question 18. How does increasing population affect the availability of water?

Question 19. Where and how is bamboo drip irrigation system practiced?

Question 20. What are tankas? How are they useful?

Question 21. Why practice of rooftop rain water harvesting is declining in western Rajasthan?

Question 22. Mention major drawbacks of multi-purpose projects.

Question 23. Humans have preferred to live near water sources through the ages. Why?

Question 24. How does increasing population affect the availability of water?

Question 25. Give some reasons why should be water conserved.

Question 26. Can an area or region have ample water resources but still face water scarcity? Give your views.

Question 27. Give some causes of water pollution.

Question 28. Give two reasons why need for water requirement is increasing every day.

Question 29. Is water a renewable or non-renewable resource? Give examples to support your answer.

Question 30. Name four states which are using sophisticated irrigation methods since ancient times.

Long answer type

(5 marks)

Question 31. What are the causes of interstate water disputes? Name some of the disputes.

Question 32. What is rainwater harvesting? Discuss various methods of rainwater harvesting practiced in different parts of India?

Question 33. Describe how modern adaptations of traditional rainwater harvesting methods are being carried out to conserve and store water?

- Question 34.** Suggest various measures to conserve water resources.
- Question 35.** Define the term irrigation? How has irrigation affected and changed the cropping pattern and social landscape of India?
- Question 36.** Describe the rainwater harvesting method in Gendathur village of Karnataka.
- Question 37.** Name some major multi-purpose projects of our country. Why construction of dams have to face a resistance movement.
- Question 38.** What is dam? Classify dams on various basis.
- Question 39.** Give advantages of multi-purpose projects
- Question 40.** Answer the following questions based on rain water harvesting:
- Where in India is roof top rain water harvesting practiced?
 - What is the diversion channels of Western Himalayas called?
 - What are Khadins and Johads?
 - Which is the first and only state that has made rain water harvesting as mandatory?
 - What is rain water known as in semi-arid region?
- Question 41.** 'Water scarcity may be due to poor quality of water'. Explain with help of examples.
- Question 42.** Write a brief note on Narmada Bacho Andolan.
- Question 43.** Large scale industrialisation and urbanisation has put great pressure on the available water resources. With suitable examples justify your answer.
- Question 44.** Jawaharlal Nehru proclaimed the dams as the "temples of modern India"; explain.
- Question 45.** On the map of India locate the following:
- River Cauveri
 - Sardar Sarovar
 - River Sutlej
 - Hirakud dam
 - River Brahmaputra