

EXERCISE

A. Very Short Answer Type Questions

- Q.1** How is fresh water obtained ?
- Q.2** What are the sources of fresh water ?
- Q.3** Mention any two regions which are expected to face water shortage.
- Q.4** How do people conserve water in hills ?
- Q.5** What is a multipurpose project ?
- Q.6** What is a dam ?
- Q.7** Why is the need for water increasing day by day ?
- Q.8** Mention any two measures for conservation of water resources ?
- Q.9** State the factors responsible for bad quality of water ?
- Q.10** What is water scarcity ?
- Q.11** Mention some common methods to increase Water Resources.
- Q.12** Which is the primary source of water on the earth ?
- Q.13** Explain the water as a renewable resource.
- Q.14** Why is irrigation necessary in India ?
- Q.15** Name any two social movements which have been launched against the multi-purpose projects.
- Q.16** How do people harvest water in the flood plains of Bengal ?
- Q.17** How do people harvest water in the semi-arid and arid regions of Rajasthan.
- Q.18** Many people of arid and semi-arid regions construct underground rooms adjoining the water tanks. Give reason.

- Q.19** Name any two states where rooftop water harvesting is most common.
- Q.20** Name two techniques of rooftop rain water harvesting.
- Q.21** What is the need of rain water harvesting ?
- Q.22** Name the dam constructed on Narmada river
- Q.23** Name the river on which Nagarjuna Sagar dam is constructed.
- Q.24** Name the river on which the Mettur dam has been built.

B. Short Answer Type Question

- Q.1** What is water scarcity ? Mention any four factors of water scarcity ?
- Q.2** “Need of the hour is to conserve and manage our water resources”. Mention any four reasons.
- Q.3** How do dams create conflicts between the people ?
- Q.4** How has irrigation changed the cropping pattern ? What is its impact on the social landscape ?
- Q.5** Why is the scarcity of water increasing day by day in our country ? Give any four reasons.
- Q.6** What is the need for conservation of water resources ?
- Q.7** Distinguish between surface water and ground water ?
- Q.8** Discuss the main objectives of rain water harvesting.
- Q.9** How can we recharge ground water ?
- Q.10** How can floods be controlled ?
- Q.11** What is a multi-purpose project ?

- Q.12** Define the term, Tankas.
- Q.13** What is Kul ?
- Q.14** Name any two regions of India which suffer from water scarcity.

C. Long Answer Type Questions

- Q.1** Write a brief note regarding irrigation in India, mentioning their types and problems.
- Q.2** Multipurpose projects are called the “Temple of modern India”. Discuss.
- Q.3** What are the drawbacks of multipurpose river project ?
- Q.4** Discuss the methods of conservation of water.
- Q.5** “Water is a very important and critical resource in India”. Support this statement by explaining any five points of each.
- Q.6** How have the growing population, industrialisation and urbanisation led to water scarcity ? Explain.
- Q.7** Why is there a need to conserve water resources?
- Q.8** Distinguish between a dam and a multipurpose project.
- Q.9** How do the multipurpose river projects affect the aquatic life ? Explain.
- Q.10** Explain the quantitative and qualitative aspects of water scarcity.

D. Multiple Choice Questions

- Q.1** The first multipurpose project of India was -
(A) Sivasamudram (B) Damodar Valley
(C) Hira Kund (D) Rajasthan Canal
- Q.2** Sardar Sarovar Dam is constructed on -
(A) River Krishna (B) River Mahanadi
(C) River Kaveri (D) River Narmada
- Q.3** Rooftop rainwater harvesting system in Rajasthan is known as -

- (A) Guls (B) Tankas
(C) Johads (D) Boolis

- Q.4** Bamboo drip irrigation is common in the state is -
(A) Rajasthan (B) Madhya Pradesh
(C) Meghalaya (D) Goa
- Q.5** How can fresh water be renewed ?
(A) By ground water
(B) By hydrological cycle
(C) By dam
(D) By canal
- Q.6** A fine soil which is formed in flood plains is known as -
(A) Kankar (B) Sediment
(C) Silt (D) None of these
- Q.7** People harvest water in the flood plain of Bengal by -
(A) Inundation channels
(B) Tanks
(C) Kuls
(D) Dams
- Q.8** Precipitation, surface run off and ground water are the source of -
(A) Polluted water
(B) Under ground water
(C) Waste water
(D) Fresh water
- Q.9** “Khadins” are mostly found in -
(A) Kota (B) Jaisalmer
(C) Barmer (D) Bikaner
- Q.10** Total volume of fresh water is available on the earth is -
(A) 2.5 % (B) 3.25 %
(C) 3 % (D) 4 %
- Q.11** The total renewable water resources of India are -
(A) 1.88g km³ (B) 1.890 km³
(C) 1.798 km³ (D) 1.897 km³

- Q.12** India ranks in the world in terms of water availability per person per annum -
 (A) 123 (B) 145
 (C) 133 (D) 140
- Q.13** India receives global precipitation about -
 (A) 4 % per annum (B) 6 % per annum
 (C) 5 % per annum (D) 2 % per annum
- Q.14** The total irrigated area covers of the total cultivated area -
 (A) 1/4 (B) 1/3
 (C) 1/2 (D) 1/5
- Q.15** The area irrigated by tanks is -
 (A) 6 % (B) 7 %
 (C) 8 % (D) 9 %
- Q.16** The area irrigated by canal is -
 (A) 42 % (B) 45 %
 (C) 43 % (D) 40 %
- Q.17** The area irrigated by wells -
 (A) 25 % (B) 21 %
 (C) 22 % (D) 23 %
- Q.18** receives the highest rainfall in the world -
 (A) Mawsynram (B) Cherapunji
 (C) Shimla (D) None of these
- Q.19** The total river water flow utilised or stored is -
 (A) 8.2 % (B) 8 %
 (C) 9.25 % (D) 8.5 %
- Q.20** The annual flow of the Indian river water is estimated about cubic metres -
 (A) 690 (B) 790
 (C) 890 (D) 590
- Q.21**is a barrier across flowing water that obstructs, directs or retards the flow, often creating a reservoir, lake or impoundment.
 (A) Multipurpose project
 (B) Dam
 (C) Embankment
 (D) Bridge
- Q.22** The Tehri Dam is being constructed on the river
 (A) Ganga (B) Yamuna
 (C) Bhagirathi (D) Satluj
- Q.23** Hirakud dam is on river.....
 (A) Satluj (B) Mahanadi
 (C) Narmada (D) Krishna
- Q.24** Which of the following is not correctly matched?
 (A) Salal-Chenab (B) Bhakra-Satluj
 (C) Mettur-Mahanadi (D) Koyna-Krishna
- Q.25**are the underground tanks for storing drinking water.
 (A) Kul (B) Canal
 (C) Tankas (D) PVC pipes

ANSWERS

Q.No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	B	D	B	C	B	C	A	D	B	A	D	C	A	D	C	B	A	A	D	A
Q.No	21	22	23	24	25															
Ans.	B	C	B	C	C															