



GRADE: X

Question Bank (2023-24)
SOCIAL SCIENCE

Ch: WATER RESOURCES

Qn. No	All Questions are Compulsory	Marks allocated
	MULTIPLE CHOICE QUESTIONS	1 Mark Each
1	<p>Which one of the following statements is not an argument in favour of multipurpose river projects?</p> <p>A) Multipurpose project bring water to those area which suffer from water scarcity. B) Multipurpose projects by regulating water flow help to control flood. C) Multipurpose project leads to large scale of displacement and loss of livelihood. D) Multipurpose projects generate electricity for our industries and our homes. ANS: C) Multipurpose project leads to large scale of displacement and loss of livelihood.</p>	1
2	<p>Which of the following are not causes of water scarcity?</p> <p>A) Growing population and growing of water intensive crop. B) Expansion of irrigation facilities and individual wells and tube wells in farms. C) Industries D) Water harvesting technique and rooftop harvesting system. ANS: Both C) Industries and D) water harvesting technique and roof top harvesting system.</p>	1
3	<p>Bhakra Nangal river valley project is made on the river.</p> <p>A) Sutlej-Beas B) Ravi-Chenab C) Ganga D) Son ANS: A) Sutlej- Beas</p>	1
4	<p>The diversion channels seen in the Western Himalayas are called.</p> <p>A) Guls or Kuls B) Khadins C) Johads D) Recharge Pits ANS: A) Guls or Kuls</p>	1
5	<p>Bamboo drip irrigation system is prevalent in.</p> <p>A) Manipur B) Meghalaya C) Mizoram D) Madhya Pradesh ANS: B) Meghalaya</p>	1
6	<p>Which of the following social movements are not a resistance to multipurpose projects?</p> <p>I) Narmada Bachao Aandolan II) Tehri Dam Aandolan III) Navdanya IV) Chipko Movement A) I and II B) I and III C) II and IV D) III and IV ANS: D) III and IV</p>	1
7	<p>The only state which has made rooftop rainwater harvesting structure compulsory to all the houses is.</p> <p>A) Andhra Pradesh B) Karnataka C) Tamil Nadu D) West Bengal ANS: C) Tamil Nadu</p>	1
8	<p>Narmada Bachao Aandolan is a non-governmental organisation (NGO) that mobilise tribal people, farmers, environmentalists and Human Rights activist against thedam being built across the river Narmada.</p> <p>A) Sardar Sarovar B) Tehri Dam C) Nagarjuna Sagar Dam D) Bhakra Nangal Dam</p>	1

	ANS: A) Sardar Sarovar	
9	What is the contribution of hydroelectricity in the total generation of electricity? A) 52% B) 42% C) 32% D) 22% ANS: D) 22%	1
10	Which of the following structure are known as “tankas”? A) Underground tanks for storing rainwater harvested from rooftops for drinking purpose. B) Tanks constructed on rooftop for storing rainwater. C) Tanks constructed in agriculture field to store rainwater. D) Tanks constructed to store flood water. ANS: A) Underground tanks for storing rainwater harvested from rooftops for drinking purpose.	1
	SHORT ANSWER TYPE QUESTIONS	
11	What are the main causes of water scarcity? ANS: Main causes of water scarcity are: i) Overpopulation: Water scarcity may be an outcome of a large and growing population which result in greater demand for water and unequal access to it. ii) Commercialisation of agriculture: After the success of the Green Revolution farmers are producing commercial crops. The commercial crops need more water for irrigation. iii) Urbanisation: Urbanisation is another factor for scarcity of water since new lifestyle have developed in the urban cities over exploitation of water continuous.	3
12	Why did Jawaharlal Nehru proudly proclaim the dams as the 'temples of modern India'? ANS: i) Multipurpose projects launch after independence with their integrated water resources management approach. ii) Where thought of as the vehicle that would lead to the knees and to development and progress. iii) Jawaharlal Nehru proclaimed the dam as the temple of modern India as it would irrigate the development of agriculture and village economy with rapid industrialisation and growth of the urban economy.	3
13	How are dams responsible for causing floods? ANS: i) Ironically, the dams that were constructed to control floods have triggered floods due sedimentation in the reservoir. ii) Big dams can be successful in controlling flood at the time of excessive rainfall. iii) Release of water from dams during the heavy rains aggravate the flood situation.	3
14	What do you know about 'Narmada Bachao Andolan'? ANS: i) Save Narmada movement is a non-governmental organisation. ii) It mobilised tribal people, farmers, environmentalist and Human Rights activist against the Sardar Sarovar Dam being built across the Narmada River in Gujarat. iii) Recently it has refocused its aim to rehabilitate displaced people.	3

15	<p>Explain any three methods of rain water harvesting since ancient time? ANS: i) Guls or Kuls: In hilly and mountain regions people-built diversion channels called Guls or Kuls in the Western Himalayas. A Guls or Kuls leads to a circular village tank from which water is released as and when required. ii) Khadins and Johads : In arid and semi-arid regions, agriculture fields where converted into rain fed storage structure that allow the water to stand and moisten the soil, called khadins in Jaisalmer and johads in other part of Rajasthan. iii) Tankas:Tankas were underground storing tanks of drinking water in arid and semi-arid regions of Rajasthan. Tankas were big huge tank for storing rainwater from the rooftop of all the houses.</p>	3
	LONG ANSWER	
16	<p>What are the advantages and disadvantages of multipurpose projects? ANS: Advantages of multipurpose projects: i) multipurpose projects are mainly used for irrigation. ii) it is used to generate hydroelectricity for our industries and homes. iii) it is helpful to control flood. iv) it is helpful for inland navigation. v) it is used for pisciculture fish breeding. Disadvantages of multipurpose projects: i) Multipurpose project causes excessive sedimentation. ii) It's lead to large scale displacement of local communities and to loss of their livelihood. iii) It causes water borne diseases pests and pollution. iv) It affects the natural flow of Aquatic life.</p>	5
17	<p>How have multipurpose projects and large Dam been the cause of many new social movements? ANS: i) Narmada Bachao Aandolan and Tehri Dam Aandolan etc where the movement to resist large scale displacement of local communities. Local people often had to give up their land, livelihood and their control over resources for the greater good of the nation. ii) Irrigation has changed the cropping pattern from shifting to commercial crops it is responsible for salinisation of the soil. At the same time it has its social impact by increasing the social gap between the rich landowner's and the landless poor. iii) Dams also created conflicts between the people wanting different use and the benefits from the same water resources in Gujarat the Sabarmati basin farmers where agitated over the priority given to water supply in the urban areas particularly during droughts. iv) Inter states water dispute are also common with regard to sharing the cost and the benefits of the multipurpose project.</p>	5

18	<p>'The need of the hour is to conserve and manage our water resources'. Justify the statement.</p> <p>A) There is an urgent need to conserve and manage our water resources to</p> <ul style="list-style-type: none">• Safeguard ourselves from health hazards• Ensure food security.• Continuation of our livelihoods and productive activities.• Prevent degradation of our natural ecosystems.• Over-exploitation and mismanagement of water resources will impoverish this resource and cause ecological crisis that may have serious impact on our lives.	5
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