



# GEOGRAPHY

## BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

### WATER RESOURCES

#### Ncert Textbook Questions Solved

1. Which one of the following types describes water as a resource?

A. Abiotic resource

B. Non-renewable Resources

C. Biotic Resource

D. Cyclic Resource

**Answer: D**



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2. Which one of the following rivers has the highest replenishable ground water resource in the country?

A. The Indus

B. The Brahmaputra

C. The Ganga

D. The Godavari

**Answer: A**



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3. Which of the following figures in cubic kilometres correctly shows the total annual precipitation in India?

A. 2000

B. 3000

C. 4000

D. 5000

**Answer: C**



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**4.** Which one of the following south Indian states has the highest groundwater utilisation

(in per cent) of its total ground water potential?

A. Tamil Nadu

B. Karnataka

C. Andhra Pradesh

D. Kerala

**Answer: A**



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5. The highest proportion of the total water used in the country is in which one of the following sectors?

A. Irrigation

B. Industries

C. Domestic use

D. None of the above

**Answer: A**



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6. It is said that the water resources in India have been depleting very fast. Discuss the factors responsible for depletion of water resources?



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7. What factors are responsible for the highest groundwater depletion in the states of Punjab, Haryana, and Tamil Nadu?



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8. Why the share of agricultural sector in total water used in the country is expected to decline?



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9. What can be possible impacts of consumption of contaminated/unclean water on the people?



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**10.** Discuss the availability of water resources in the country and factors that determine its spatial distribution?



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**11.** The depleting water resources may lead to social conflicts and disputes. Elaborate it with suitable examples?



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12. What is watershed management? Do you think it can play an important role in sustainable development?



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## Additional Questions Solved Very Short Answer Type Questions

1. What percentage of world's water resource does India have?



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2. What is the percentage of fresh water to total water in the world?



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3. What is the total replenishable groundwater resource of India?



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4. What do you mean by rainwater harvesting?



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5. What is watershed management? Do you think it can play an important role in sustainable development?



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**6. 1. What are the water conservation projects of Andhra Pradesh & Rajasthan?**



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**7. What are the different water harvesting structures?**



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8. Which was the first state to make water harvesting system compulsory?



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9. What are the rainwater harvesting structures in Rajasthan?



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**10.** In spite of the fact that 71% of the earth is covered with water, water is scarce. Substantiate.



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**11.** In which sector the share of total water used in the country is high?



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**12.** Compare water resources of India and its population with respect of the world.



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**13.** Mention four sources of surface water.



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**14.** Give an account of river water in India.



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**15.** In which rivers precipitation rates are high and what are its effects?



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**16.** Which states have surface water in the form of lagoons and lakes?

For what purpose is it used?



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**17.** Where is the highest replenishable water concentrated?



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**18.** What is the utility of irrigation in agriculture?



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**19.** How does irrigation help in multi cropping?





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**20.** What do you mean by water pollution?



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**21.** What is rain water harvesting?



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**22.** How has Ralegan Siddhi become a source of inspiration?



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**23.** How is quality of national water resources monitored?



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**Additional Questions Solved Short Answer Type Questions**

1. What are the three things essential for water resource development?



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2. Why does the use of groundwater vary from state to state?



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**3.** What are the emerging water problems facing India?



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**4.** When was National Water Policy undertaken? Give its key features.



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5. What do you mean by degradation of water resources?



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6. Why is the level of groundwater utilisation relatively high in the river basins lying in north-western region and parts of South India?



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7. Name the three states which have larger area under irrigation and why?



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8. What are the implications of using groundwater in drought-prone areas of Rajasthan, Gujarat, Maharashtra and Tamil Nadu?



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9. What are the four major problems in the development of water resources in India?



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10. Why there is a need to conserve water resources?



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11. Give a few examples where water can be recycled and reused to improve the availability

of fresh water.



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## Additional Questions Solved Long Answer Type Questions

1. What are the major sources of surface water?



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2. With the example of 'Ralegan Siddhi' show how watershed development projects are imperative for development.



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3. Give some possible solutions to water problem in India.



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4. Describe the features of surface water and the groundwater distribution in India.



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5. Explain important features of National Water Policy, 2002.



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**Additional Questions Solved Diagram Based Question**

1. Study the diagrams given below and compare. Give reasons for their variation



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## Additional Questions Solved High Order Thinking Skills

1. The depleting water resources may lead to social conflicts and disputes. Elaborate it with suitable examples?



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2. Why do we need to encourage watershed development?



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**Previous Year Board Questions Solved Very Short Answer Type Questions**

1. Which river basin of India has the highest percentage of replenishable utilization of groundwater resources?



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2. Which sector (economic-activity) uses most of the surface and groundwater in India?



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3. Name the two metropolitan cities which are the main polluters of river Ganga before it reaches Varanasi.

A. a.Kanpur

B. b.Allahabad

C. c.only 1

D. d.1 and 2 both

**Answer:**



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4. Explain the term 'watershed management'.



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5. Define the watershed management.



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6. How can you help in improving the quality of water in your locality?



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## Previous Year Board Questions Solved Short Answer Type Questions

1. "The ground water potential is high in some regions of India'. Support this statement with three suitable examples.



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2. Why is conservation and management of water resources essential in India? Explain any

three reasons.



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3. Explain any three major problems related to water in India.



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4. What are the two water problems in India?  
Explain with suitable example.



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5. Study the diagram given below and answer the questions that follow:



- (i) Why is the share of surface water very limited to the industrial sector?
- (ii) Which sector accounts for most of the surface water withdrawals and why? Give one reason.



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6. Study the given diagram and answer the questions that follow:



(i) Which sector accounts for most of the groundwater utilisation?

(ii) Why is the share of water utilization in domestic sector lower in groundwater as compared to surface water?



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7. Why is there a great need for irrigation in India? Explain any three reasons.



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8. Explain the importance of irrigation for agriculture in India.



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**9.** Describe any three key features of India's 'National water Policy' 2002.



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**10.** Examine any three causes for the deterioration of quality of water' in India.



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**11.** Analyse the economic and social values of rainwater harvesting.



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**12.** "The assessment, efficient use and conservation of water are necessary to ensure development." Explain in the light of values regarding conservation of water resources.



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**13.** How is rainwater harvesting helped in the development of certain areas of India? Explain with answer.



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**14.** "Indiscriminate use of water by increasing population and industrial expansion has led to degradation of the water quality considerably in India." Explain the values that can help in maintaining the quality of water.



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## Previous Year Board Questions Solved Long Answer Type Questions

1. Describe in five points the watershed development and management programmes initiated by the Central and State governments in India.



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**2. What are the causes of deterioration of water quality in India? How can we conserve our water resources? Explain in three points.**



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**3. Explain any three factors responsible for the depletion of water resources. Examine any two legislative measures for controlling water pollution in India.**



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4. Scarcity of water on account of its increased demand, possess possibility the greatest demand in India. Analyse the statement.



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5. Explain how 'watershed management and rainwater harvesting' are the methods of efficient management and conservation of surface water resources in India.



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## Worksheet

1. What are the causes of water scarcity?



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2. What is the percentage of fresh water on earth?



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3. Which organizations monitor water quality in India?



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4. List main sources of water pollution.



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5. Why the demand of water for irrigation increasing?



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**6.** Give the estimated available water resource in India.



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**7.** Distinguish between surface water and groundwater resources.



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8. What are the emerging water problems facing India?



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9. Why is it imperative to manage and conserve water?



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