

Chapter- 2

LAND, SOIL AND WATER RESOURCES

SUB-TOPIC-1: Land a resource, Classification of land resourceLEVEL-1 EASY-VERY SHORT ANSWERS (1 MARK QUESTIONS)

1. What is land use? (1)
2. What are common property resources? (1)
3. Which land is known as arable land? (1)
4. What is land degradation? (1)
5. _____ and _____ is the classification of land on the basis of ownership.
6. What is cultivable waste land?

LEVEL-3 (3 MARK QUESTIONS)

1. What is the various classification of land? (3)
2. List the factors which control the utilization of land. (3)
3. Name the various purposes for which land can be used. (3)
4. What are the ways for land conservation? (3)
5. Justify, "90% of the world's population lives on just 30% of the land area."

LEVEL-4 HOTS (5 MARK QUESTIONS)

1. Illustrate effects of changed land use on our daily life? (5)
2. Explain various classification of land. (5)

SUB-TOPIC-2: Land use pattern in IndiaLEVEL-1 EASY-VERY SHORT ANSWERS (1 MARK QUESTIONS)

1. Mention some use of land.
2. Write two physical factor that determine use of land.
3. Write two human factor that determine use of land.
4. What is the total percentage of net sown area in India?
5. What is the percentage of forested land in India?

LEVEL-3 (3 MARK QUESTIONS)

1. "There is a great change in land use pattern". Justify with example.

LEVEL-4 HOTS (5 MARK QUESTIONS)

1. Explain land use pattern of India.

SUB-TOPIC-3: Land degradation, Factors affecting land degradation Conservation of land resources

LEVEL-1 EASY-VERY SHORT ANSWERS (1 MARK QUESTIONS)

1. Write any two reasons for land degradation today.
2. What is land degradation?

LEVEL-3 (3 MARK QUESTIONS)

1. What would you suggest to ensure that the natural resources are not depleted and ecological balance is maintained?

SUB-TOPIC-4: Soil as a resource, Soil profile, Soil in India (ICAR Classification), Soil Erosion and Conservation

LEVEL-1 EASY-VERY SHORT ANSWERS (1 MARK QUESTIONS)

i) Which one of the following is NOT a factor of soil formation?

(a) Time

(b) Soil texture

(c) Organic matter

(ii) Parent rock, relief, time and climate are the factors of _____.

(iii) Time affects the rate of humus formation during the process of soil formation. (True/False)

(iv) Which one of the following methods is most appropriate to check soil erosion on steep slopes? (a) Shelter belts (b) Mulching (c) Terrace cultivation

(v) The bare ground between plants is covered with a layer of organic matter like straw to help retain soil moisture. Name this important method of soil conservation

1. Mulching
2. Contour Barriers
3. Rock Dams
4. Terrace Farming

(vi) What is the other name for Cotton Soil?

- a. Red Soil
- b. Laterite Soil
- c. Black soil
- d. Alluvial Soil

(vii) Name the rich and fertile soil formed by the depositional action of rivers, found in the Indo-Gangetic Plains

- a. Red Soil
- b. Alluvial Soil
- c. Black Soil
- d. Laterite Soil

(viii) Name the term that can be given to the various layers in the soil after it is cut out like a slice of cake.

1. Soil Mixture
2. Sub Soil
3. Soil Horizon
4. Top Soil

- (ix) What are soil horizons? (1)
- (x) What is contour ploughing? (1)
- (xi) What is soil? (1)
- (xii) Which are the two main climatic factors responsible for soil formation?
- (xiii) Why humus is important?

LEVEL-3 (3 MARK QUESTIONS)

1. Which factors lead to soil erosion? (3)
2. What does soil provide us? (3)
3. Write a short note on the soils of India. (3)

LEVEL-4 HOTS (5 MARK QUESTIONS)

1. Explain the factors affecting soil formation? (5)
2. Explain the various soil horizons present in the soil profile with diagram. (5)
3. Discuss the agricultural practices that can be adapted for soil conservation. (5)
4. Discuss any four methods of soil conservation. (5)
5. A large percentage of soil in India is a waste land. Find out various ways in which this waste land can be made useful. (5)

SUB-TOPIC-5: Water as a resource Distribution of water on earth Water cycle

Uses of water

LEVEL-1 EASY-VERY SHORT ANSWERS (1 MARK QUESTIONS)

LEVEL-3 (3 MARK QUESTIONS)

1. What do you know about distribution of water on the earth? (3)
2. Write uses of water. (3)
3. What are various water resources of India? (3)
4. What are the factors responsible for the shortage of freshwater? (3)
5. Write difference between perennial rivers and seasonal rivers with example. (3)
6. Why is there uneven distribution of water resources in the world? (3)

LEVEL-4 HOTS (5 MARK QUESTIONS)

1. What do you understand by multi-purpose projects? Why they are useful? Give example. (5)
2. Write about water pollution. (5)
3. Explain the different methods to conserve water resources. (5)

SUB-TOPIC-7: Water resource of India, Multi-purpose dam projects and their uses, Water Pollution, Water ConservationLEVEL-1 EASY-VERY SHORT ANSWERS (1 MARK QUESTIONS)

1. A few important facts with respect to the Dams built across the rivers are given below. Pick out the one that is not applicable.
 1. Dams controls the floods
 2. Dams also help in generating hydroelectricity
 3. Dams provide water for irrigation
 4. Water stored in the dams cannot be used for drinking
2. Name India's perennial and seasonal rivers.
3. Mention objective of starting multi-purpose projects by the Indian government.
4. Name any two major multi-purpose projects in India.
- 5.

LEVEL-3 (3 MARK QUESTIONS)

1. What are the multiple purposes of dams?
2. Suggest three ways to conserve water.
3. What is irrigation? What are main source of irrigation in India?
4. Mention water contaminants that causes water pollution.
5. Write cause of water scarcity in many parts of the world.

LEVEL-4 HOTS (5 MARK QUESTIONS)

1. Most of the rivers of north India are perennial rivers, while the rivers of South India are seasonal. Several plans have been made to link the rivers of the north with those of the south. But it has not happened so far. What are the possible problems that could crop up if the rivers of India are linked?
2. Susheela Kapoor teaches farmers to grow fruits and vegetables the organic way. Her methods help the farmers use fewer pesticides and replenish the soil. What values does Susheela Kapoor's attitude reflect?

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MAP SKILL QUESTION: -

Chapter 2: Rivers in India (Locating and Labelling Only)



