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Class Xth

Subject geography

Chapter RESOURCES and DEVELOPMENT
(REVISION)

Read the following question and answer throughly and try to understand and Write down in your H.W.Copy.

Questions:1.

Give the two factors that determine soil fertility.

Solution:

1)Soil fertility depends on its composition. Sandy soil is not suitable for agriculture as they do not retain water which the plant roots need for survival. The ideal soils contain a mixture of sand and clay.

2) The humus content determines soil fertility. Organic farm yard manures improve the humus content.

Question-2.

What is the classification of alluvial soil on the basis of their age ? Mention their characteristics.

Solution:

Apart from the size of their grains or components, soils are also classified on the basis of their age. According to their age, alluvial soils can be classified as old alluvial (Bangar) and new alluvial (Khadar). The bangar soil has higher concentration of kanker nodules than the Khadar. It has more fine particles and is more fertile than the bangar .

Question-3.

Give a short note on reserves.

Solution:

Reserves are the subset of the stock, which can be put into use with the help of existing technical 'know-how' but their use has not been started. These can be used for meeting future requirements. River water can be used for generating hydroelectric power but presently, it is being utilized only to a limited extent. Thus, the water in the dams, forests etc. is a reserve which can be used in the future.

Question-4.

Major problem faced due to the indiscriminate use of resources by Man- Discuss.

Solution:

Human beings used the resources indiscriminately and this has led to the following problems.

1) Depletion of resources for satisfying the greed of few individuals.

2) Accumulation of resources in few hands, which, in turn, divided the society into two, segments i.e. haves and have-nots or rich and poor.

Indiscriminate exploitation of resources has led to global ecological crises.

Question-5.

Write a paragraph on resource planning.

Solution:

Resource planning is a complex process, which involves:

(i) Identification and inventory of resources across the regions of the country. This involves surveying, mapping and qualitative and quantitative estimation and measurement of the resources.

(ii) Evolving a planning structure endowed with appropriate technology, skill and institutional set up for implementing resource development plans.

(iii) Matching the resource development plans with overall national development plans.

Question-6.

What was the views of Gandhiji on resource conservation?

Solution:

Gandhiji voiced his concern about resource conservation in the following words: "There is enough for everybody's need and not for any body's greed." He placed the greedy and selfish individuals and exploitative nature of modern technology as the root cause for resource depletion at the global level. He was against mass production and wanted to replace it with the production by the masses.

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