

Chapter RESOURCES and DEVELOPMENT

(REVISION FOR the P.A.1.)

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

Question .1. Explain how human activities have caused land degradation?

Answer :

- (i) Overgrazing and deforestation have destroyed the vegetation.
- (ii) Surface mining have caused degradation of the land.
- (iii) The mineral processing like:-
 - (a) Grinding of limestone in cement industries.
 - (b) Grinding of calcite and soapstone in ceramic industries which generates large amount of dust and release in the atmosphere.

When it settles down in the surrounding area and affects infiltration of water and crop cultivation.

Question. 2. Distinguish between Natural Resources and Cultural Resources?

Answer :

Natural Resources

Cultural Resources

(i) These resources are available in nature

(i) These resources are man made

(ii) The development of the resources depends upon human resources like soil, water, forest, minerals etc.

(ii) The development of these resources depends upon the knowledge and skills of the human being.For example:- Cities, Machines, Buildings, Social institution etc.

Question .3.Distinguish between Renewable and Non-renewable Resources?

Answer :

Renewable Resources

Non-renewable Resources

(i) These resources have the ability to renew themselves in a given period of time.

(i) These resources can't be renew after exhaustion.

(ii) These are inexhaustible or replenishable resources.

(ii) These are exhaustible or non-replenishable resources.

(iii) They don't require substitutes or conservation. Ex. Forest, Water, etc.

(iii) They require substitutes or conservation. Ex. Iron, Coal etc.

Question .4. Distinguish between Reusable and Non-reusable resources?

Answer :

Reusable Resources Non-reusable Resources

(i) They are inexhaustible. (i) They are exhaustible.

(ii) These can be recycled and used again. (ii) These can be used only once.

(iii) Ex. Iron, Copper, Gold, Silver etc. (iii) Ex. Coal and petroleum.

Question .5. Differentiate between Red soil and Laterite soil?

Answer :

Red Soil

Laterite Soil

(i) They are formed in the areas of igneous and metamorphic rocks.

(i) They are formed where there is heavy rainfall.

(ii) They are formed due to weathering.

(ii) They are formed due to leaching.

(iii) They contain loose gravel which are very coarse.

(iii) They contain fine particles.

(iv) They are found in parts of Madhya Pradesh, Tamil Nadu, Orissa, etc.

(iv) They are found along the Western Ghats, Meghalaya etc.

Question .6. Differentiate between Alluvial soil and Black soil?

Answer :

Alluvial Soil

Black Soil

(i) These are formed by the deposition of rivers.

(i) These have been formed from the weathered lava.

(ii) These are mainly found in the Northern Plains and Coastal strips.

(ii) These are mainly found in the North-western parts of the Deccan plateau.

(iii) These soils are loamy and permeable.

(iii) These soils are clayey and impermeable.

(iv) They do not develop cracks in the dry hot season.

(iv) They develop cracks in the dry hot season.

Question .7. Differentiate between Khadar soil and Bhangar soil?

Answer :

Khadar Soil

Bhangar Soil

(i) New alluvial are called khaddar.

(i) Old alluvial are called bhangar.

(ii) These are found near the river in the flood plains.

(ii) These are found away from the rivers.

(iii) These are sandy and of light colour.

(iii) These are coarse and gravel like particles.

(iv) These are renewed frequently and hence are very fertile.

(iv) These are not renewed and hence are less fertile.

Question .8. Differentiate between Biotic and Abiotic resources?

Answer :

Biotic Resources

Abiotic Resources

(i) These resources are derived from living being.

(i) These are derived from non-living things.

(ii) These resources can regenerate under favourable condition.

(ii) These are of both type – exhaustible and inexhaustible.

(iii) These are found only in the biosphere.

(iii) These are found everywhere.

(iv) They depends upon biotic resources for their substances. Ex. Animals, Plants.

(iv) They are independent. Ex. Water, Soil, Minerals.

Question .9.What are the roles of human being in the process of resources development and management?

Answer : (i) Economic development of a nation depends mainly on the richness, development and management of resources.

(ii) Overpopulation results in overexploitation of resources.

(iii) To increase agricultural production, fertilizers and insecticides are used. This causes pollution and affects animal and plant life.(iv) Unscientific exploitation of mineral releases dust and affect the fertility of the land.

Question .10. Why is resources necessary for human beings?

Answer : (i) Natural resources are gift to a nation. These are the backbone of the economy of the nation.

(ii) These provide base for the economic development of a nation.These help us to create goods or provide services. Human have created their own world of living by utilizing these resources.

(iii) Both natural resources e.g. soil, water, minerals etc and man-made resources e.g. cities,

machines etc are essential for living.

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