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Class-8th

(Based on N C E R T pattern)

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Geography

Mineral and power Resources

Question 1

What is a mineral?

Solution :

Minerals are found in the earth and are naturally occurring substances. They are not made by man. They are found in rocks and water. They are chemical substances and are made of elements.

Question 2

What are the classifications of minerals?

Solution :

Minerals can be classified as Metallic and Non – metallic minerals. Metallic minerals are further divided into Ferrous and non-ferrous minerals.

Question 3

How are mineral extracted from earth?

Solution :

Minerals can be extracted by Mining; Drilling and Quarrying.

Question 4

Give a brief note on mining.

Solution :

The process of taking out minerals from rocks buried under the earth's surface is called mining. Mining can be classified into Open-cast mining and shaft mining.

Open-cast mining, refers to a method of extracting rock or minerals from the earth by their removal from an open pit or borrow. Open-pit mines are used when deposits of commercially useful minerals or rock are found near the surface.

Shaft mining refers to the method of sinking a vertical or near-vertical tunnel from the top down, where there is initially no access to the bottom. The shafts have to be made to reach mineral deposits that lie at great depths.

Question 5

Name the different rocks that minerals occur in?

Solution :

Minerals occur in different types of rocks. They are Igneous rocks; Metamorphic rocks and Sedimentary rocks.

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