

New Words:

1. minerals
2. natural
3. substances
4. particular
5. aluminium
6. precious
7. petroleum
8. necessary
9. available
10. generations

Define the following terms:

1. rock - the dry solid part of the earth's surface
2. alloy – a substance made by mixing two or more metals
3. quarts – a hard mineral used to make clocks and watches
4. generations – children born in future

Fill in the blanks

1. All rocks on the earth are made up of minerals.
2. The process of digging out ores under the ground is called mining.
3. Minerals that contain metals are called metallic minerals.
4. All minerals are not metals.
5. The mineral reserves of the earth are limited.

Answer these questions:

Q1. Differentiate between minerals and ores.

Ans Minerals

i)The substances that are present in the earth naturally and are used by us for our various purposes.

ii)Eg- Iron, Coal

Ores

i)A rock that contains a large amount a particular *mineral*.

ii)Eg- Iron ore, Copper ore

Q.2 Classify minerals. Write two examples of each.

Ans Minerals can be classified as:-

i)Metallic minerals – Minerals which contain metals are called metallic minerals.

Eg Iron, Aluminium

ii)Non metallic minerals – Minerals which do not contain metals are non metallic minerals.

Eg Coal, Petroleum

Q.3 How are metals produced?

Ans The ores of metallic minerals are refined and processed to produce pure metals.

Q.4 What are mineral fuels?

Ans Coal and petroleum are non-metallic minerals which are used as fuel. They are called mineral fuels.

Q.5 Why should we conserve minerals?

Ans. i)We depend on minerals for many things. ii)The mineral reserves of earth are limited.

Therefore we should conserve minerals.

Think and Answer:

Q.1 Which mineral is used to make vaseline and naphthalene balls?

Ans. Petroleum jelly is used to make vaseline.

Coal tar is used to make naphthalene balls.

Activity

Paste pictures of any 2 metallic and 2 non-metallic minerals