



Silent Bells



ഫസ്റ്റ്ബെൽ - അനുബന്ധ പഠനസഹായകസാമഗ്രി

Std :10


Subject : Chemistry


WorkSheet No: 4_1

Lesson & LO: Production of metals – Minerals, Ores , Metallurgy

Date :02-11-2020



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1. Which of the following are the minerals of Aluminium?

- (a) Cryolite
- (b) Magnetite
- (c) Clay
- (d) Dolomite
- (e) Bauxite

2. Find out (a), (b), (c), (d) and (e) in the following table

Metal	Ores	Chemical Formula
Aluminium(a).....	$Al_2O_3 \cdot 2H_2O$
.....(b).....	Calamine(c).....
Iron(d).....	Fe_2O_3
Copper	Copper pyrites(e).....

3. All minerals are not ores. What are the characteristics of minerals that are used as ores?

- ◆ Abundance
- ◆
- ◆

4. Some metals are found in the earth's crust in combined state and some metals in the native state.

(a) Which of the following metals is found in the native state?

- ◆ Aluminium
- ◆ Copper
- ◆ Gold

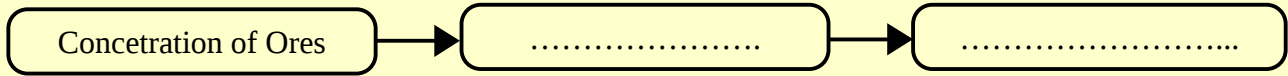
(b) Why does this metal found in native state in earth's crust?

5. Just like the first pair given below, complete the second pair

(a) Cuprite – Cu_2O

(b) Zinc blend –

6. Complete the stages of metallurgy



7. Write down one use of each metal given below

(a) Gold

(b) Copper

(c) Mercury