



SCIENCE

CH:4- METALS AND NON METALS

Name: _____

Date: _____

Class: VIII Sec: ____

I MULTIPLE CHOICE QUESTIONS

- Which of the following is not a metal?
(a) copper (b) sulphur (c) aluminium (d) iron
- The substance that will be flattened on beating with a hammer is
(a) crystal of iodine (b) lump of sulphur (c) piece of coal (d) zinc granule
- Materials which can be drawn into wires are called ductile. Which of the following is not a ductile material?
(a) silver (b) copper (c) sulphur (d) aluminium
- Metals are generally solid. Which of the following metals is in the liquid state at room temperature?
(a) mercury (b) silver (c) aluminium (d) sodium
- Which of the following reacts with cold water vigorously?
(a) carbon (b) sodium (c) magnesium (d) sulphur

II Answer the following

- Name two soft metals which can be cut with a knife.
- Which non-metal is essential for our life and all living beings inhale it during breathing?
- Name two major non-metals which are present in fertilisers and enhance the growth of plants.
- Which non-metal is used to disinfect water?
- A purple coloured non-metal forms a brown solution in alcohol which is applied on wounds as an antiseptic. Name the non metal.
- Zinc sulphate forms a colourless solution in water. Will you observe any colour on adding copper turning in it?
- Paheli bought a statue made of copper. To her surprise it acquired a dull green coating after a couple of months. Explain the reason.
- Meera prepared a blue coloured solution of copper sulphate in beaker A and placed an iron nail in it. Neeraj prepared a yellowish green solution of ferrous sulphate in beaker B and placed a copper wire in it. What changes will they observe in the two beakers after an hour?
- A doctor prescribed a tablet to a patient suffering from iron deficiency. The tablet does not look like iron. Explain.
- Iron is more reactive than copper. Explain an activity to show this?