

Worksheet -2/6

Class –X

Subject – Science

CHAPTER – 3

METALS AND NON-METALS

- 1) Why sodium is kept immersed in kerosene oil?
- 2) Write equations for the reactions of-
 - (i) iron with steam
 - (ii) calcium with water
- 3) How does the metal magnesium differ from the metal calcium in their reaction with water?
- 4) Which gas is produced when sodium added to water?
- 5) Write the chemical reaction when zinc reacts with dilute H_2SO_4 .
- 6) If copper metal is heated over a flame, it develops a coating. What is the colour and chemical formula of this coating?
- 7) A non-metal X exists in two different forms Y and Z. Y is the hardest natural substance, whereas Z is a good conductor of electricity. Identify X, Y, and Z.
- 8) Which one of the following metals does not react with oxygen even at high temperatures? (i) Calcium (ii) Gold (iii) Sodium
- 9) What are amphoteric oxides? Give an example.
- 10) Write Chemical differences between metal and non-metal.