**Metals and Non-metals**

**Practice paper 1**

1. Match the following

a) Mercury a) Bad conductor

b) Sulphur b) Hydrogen gas

c) Gas that burns with ‘pop’ sound c) Blood

d) Iron d) Thermometer

1. Fill in the blanks

a) Acids turn \_\_\_\_\_\_ litmus to \_\_\_\_\_\_ litmus.

b) Bases turn \_\_\_\_\_\_ litmus to \_\_\_\_\_\_ litmus.

c) Metals form \_\_\_\_\_\_ oxides and non metals form \_\_\_\_\_\_ oxides.

d) Copper does not react with \_\_\_\_\_\_ acid even on heating but it reacts

with sulphuric acid.

e) A material which conducts electricity is called\_\_\_\_\_\_.

f) Reactions of non metals with bases are \_\_\_\_\_\_.

1. Tick the correct option

a) A liquid metal \_\_\_\_\_\_

i) Sulphur ii) Gold iii) Mercury

b) Metals, non metals and metalloids are \_\_\_\_\_

i) Compounds ii) Elements iii) Matter

c) Which is the best conductor of electricity

i) Copper ii) Silver iii) Iron

d) Elements which are ductile and malleable are \_\_\_\_\_\_

i) Non- metals ii) Metals iii) Metalloids

1. Give one word/one sentence answer

a) Name a metal which can be cut with a knife.

b) Name the metal used in thermometer.

c) Give the reactivity series of Cu, Zn and Fe.

d) Which gas is evolved when metals react with sodium hydroxide and water?

e) What is the colour of CuSO4 and ZnSO4?

f) Non-metals react with water or not.

g) Name the acid formed when sulphur dioxide is dissolved in water.

1. Write true or false

a) Generally non -metals do not react with water and acids.

b) Metals do not react with bases.

c) Silicon is an example of metalloid.

d) Element does not contain one kind of atom.