

J&K POLICE PUBLIC SCHOOL, MIRAN SAHIB JAMMU

ASSIGNMENT – 5 (2020-21)

CLASS- 8th

M.MARKS-20

SUBJECT-SCIENCE

TEACHER INCHARGE- ANUPAMA SURI

Q1. Fill in the blanks:

(3M)

- i) The elements which neither fit with the metal or non metal are called _____.
- ii) _____ is used in making pencil lead.
- iii) _____ property of metals makes them useful as ringing bells.

Q2. M.C.Qs :

(3M)

- i) The metal stored in kerosene due to its high reactivity with air and water is
 - a) Magnesium
 - b) Sodium
 - c) zinc
 - d) calcium
- ii) Which non metal is a good conductor of electricity?
 - a) Phosphorus
 - b) Graphite
 - c) sulphur
 - d) coal
- iii) A metal which is found in liquid state at room temperature is
 - a) Sodium
 - b) Potassium
 - c) mercury
 - d) aluminium

Q3. Short answer type questions:

(2*3=6M)

- i) Why are aluminium foils used to wrap food items?
- ii) What happens when dilute sulphuric acid is poured on a copper plate?
- iii) Can you store lemon pickle in an aluminium utensil ? Explain.

Q4. Long answer type questions:

(4*2=8M)

- i) Distinguish between metals and non metals on the basis of these properties: (Malleability, ductility, heat conduction, appearance).
- ii) Saloni took a piece of burning charcoal and collected the gas evolved in a test tube.
 - a) How will she find the nature of the gas ?
 - b) Write down word equations of all the reactions taking place in this process.