

## Chemistry std IX Assignments 5 by P.N.

Chemistry

Std IX

ASSIGNMENT:5 Language of Chemistry

Q1. Define a radical. Give five examples of electropositive and electronegative radicals.

Q2. Select the basic and acidic radicals in the following compounds.

a.  $\text{MgSO}_4$     b.  $(\text{NH}_4)_2\text{SO}_4$     c.  $\text{Al}_2(\text{SO}_4)_3$     d.  $\text{ZnCO}_3$

Q3. Give the names of the following compounds.

a.  $\text{NaClO}$     b.  $\text{NaClO}_2$

c.  $\text{NaClO}_3$     d.  $\text{NaClO}_4$

Q4. What is the Valency of:

a. fluorine in  $\text{CaF}_2$

b. phosphorus in  $\text{PH}_3$

c. carbon in  $\text{CH}_4$

d. sulphur in  $\text{SF}_6$

Q5. What do you understand by the following terms?

a. Acid radical    b. Basic radical