P.P.MEMORIAL ACADEMY

CHEMISTRY

CLASS - 8

UNIT - 5

**MARKS - 30 TIME - 45 MIN**

**Fill in the blakns :. 5\*1= 5**

\_\_ is the hardest substance of all.

Chemical formula of carbon monoxide is \_\_\_\_\_\_.

\_\_\_\_\_ contains 92 - 98 percent carbon.

Electron was discovered by \_\_\_\_.

\_\_\_ is a positively charged particle.

**Write the chemical name and formula: 2\*2=4**

Marble.

Washing soda

**Write the electronic configuration and find out number of protons: 3\*2=6**

C (mass number 12 , atomic number 6)

Al ( mass number 27, atomic number 13)

Ar ( mass number 40, atomic number 18)

**Answer the following : 5\*3= 15**

A . Why do atoms combine together to form molecules? Write the valency of phosphate ion.

B . Define isotopes with examples. Write the mass of electrons .

Ç . Define : Allotropy

Write 3 crystalline allotropes of carbon.

D . Write 3 difference between graphite and diamond.

Write 1 use of coal.

E . Write 2 effects of global warming.

Write full form of LPG .