

P.P.MEMORIAL ACADEMY

CHEMISTRY

CLASS - 8

UNIT - 5

MARKS - 30

TIME - 45 MIN

Fill in the blanks :.

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 .

C . 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 .