OBJECTIVE TYPE QUESTIONS

1. Fill in the blanks :

   (a) Atomicity refers to the number of atoms in the molecule of an element.

   (b) The most abundant element in the earth's crust is oxygen.

   (c) A metal which is a liquid at room temperature is mercury.

   (d) The most abundant element in the atmosphere is nitrogen.

   (e) A metal which is a poor conductor of electricity is Tungsten.

   (f) A diatomic gaseous element is oxygen.

   (g) A liquid non-metal is bromine.

2. Match the columns :

Column *A*	Column *B*
(a) Metals	(*i*) Non-reactive
(b) Molecules	(*ii*) Brittle
(c) Non-metals	(*iii*) Lustrous
(d) Noble gases	(*iv*) Smallest unit of compound

3. Indicate whether the following statements are *true* or *false*.

   (a) A compound is made up of just one kind of atom. F

   (b) Metals reflect light and are good conductors of electricity. T

   (c) Metals can be polished. T

   (d) Elements are made up of compounds. F

   (e) All elements are artificially prepared. F

   (f) Molecules can exist independently. T

   (g) Molecules combine to form atoms. F

   (h) Noble gases are highly reactive. F

   (i) Ozone is a triatomic molecule. T

MULTIPLE CHOICE QUESTIONS

Tick (✓) the correct alternative from the choice given for the following statements :

1. All pure substances have

   (a) the same physical state

   (b) the same colour

   (c) the same composition

   (d) a definite set of properties

Date 16/08/21
Page 39

Ex-II

Q7. Write the molecular formulae of compounds of calcium oxide, hydrogen sulphide, carbon monoxide and lead sulphide?

ans:- Calcium Oxide - CaO
Hydrogen sulphide - H_2S
Carbon monoxide - CO
Lead sulphide - PbS

Q8. Give 2 examples:-

a) Solid - Diamond and silica.
b) Liquid - Mercury and bromine.
c) Gaseous - Hydrogen sulphide (H_2S) and Carbon Monoxide (CO)

Extra Question

Q1. Write formulas of iron oxide, calcium oxide, sodium oxide and zinc chloride?

ans:- Iron oxide - Fe_2O_3
Calcium oxide - CaO
Sodium oxide - Na_2O
Zinc chloride - $ZnCl_2$