

Time : 20 min

SECTION - A

Marks: 1

Q.1 Choose the correct option and fill in empty box given against each statement:

i) Who is generally known as the "Father of Chemistry"?

A) Ibne Seena B) Jabir Bin Hayan

C) Al-Beruni D) Ibne Zakiya

ii) Which one is the formula unit of the following:

A) HCL B) H_2SO_4 C) H_2O D) NaCl

iii) There are _____ Isotopes of Urinium:

A) 2 B) 3 C) 4 D) 5

iv) Rather Ford bombarded a Gold foil by _____

A) Alpha particles B) Beta particles

C) Gamma particles D) Helium atoms

v) The maximum number of electrons in third energy level are _____

A) 10 B) 18 C) 32 D) 64

vi) The symbol of Potassium is _____

A) P B) K C) PO D) Pt

vii) What is the geometrical shape of CO_2 ?

A) Pyramidal B) Angular

C) Triangular D) Liner

viii) Boyle's Law can be represented by mathematical expression as:

A) $Pv = k$ B) $V = p/k$ C) $K = v/p$ D) $K = p/v$

Water drop in the air is an example of solution of _____

A) Gas in gas B) Liquid in gas

C) Liquid in liquid D) Gas in liquid

The particles of solute in colloids are:

A) Visible B) Invisible

C) In size like suspension solute

D) In size like solute size

ix) Which of the following is an electrolyte?

A) Plastic B) Rubber

C) Salt solution D) Dry wood

x) Alkaline earth metals exists in _____ oxidation number.

A) +1 B) +2 C) +3 D) -1