

CHEMISTRY-9th
ANNUAL EXAM 2021

Time: 20 minutes

SECTION -A

Marks: 12

Q1: Choose the correct Answer.

i: Modern periodic table is based on

- A) Mass number B) Nucleon's
C) Atomic number D) Neutrons

ii: Shielding effect is due to

- A) Neutrons B) Protons C) Nucleons D) Electrons

iii: There is covalent bond in nitrogen molecule (N₂)

- A) Single B) Double C) triple D) Additive

iv: A cation with a charge is called

- A) An electron B) A molecule C) A metal D) An ion

v: Which one of the following is a crystalline solid?

- A) Sodium chloride B) Charcoal
C) Candle wax D) Rubber

vi: Alloy is an example solution.

- A) Solid in solid B) Solid in liquid
C) Solid in gas D) Liquid in solid

vii: The branch of chemistry which deals with inter conversion of electrical energy and mechanical energy is called

- A) Physical chemistry B) Analytical Chemistry
C) Electro chemistry D) Industrial chemistry

viii: The oxide of calcium, CaO is

- A) Acidic B) Basic C) Amphoteric D) Neutral

ix: A substance consists of two or more substances chemically combined in fixed ratio by mass is called

- A) Element B) Compound C) Mixture D) Solution

x: One Avogadro's number contains particles.

- A) 6.023×10^{23} B) 6.023×10^{19}
C) 6.023×10^{23} D) 6.023×10^{31}

xi: The maximum number of electrons in a particular orbit is given by the formula

- A) $2n$ B) $2n^2$ C) $2n^2 - 2$ D) $2n^2 + 2$

xii: L-Shell has sub shell (s)

- A) S B) S,P C) S,p,d D) S,p,d,