

DIK-SSC-IX-2021(A)
CHEMISTRY (9TH)

Marks: 65

Time : 20 min

SECTION - A

Marks: 12

Q.1 Choose the correct answer from four possible answers (A,B,C,D) and fill the correct answer on MCQ's sheet separately.

- i) An atom with a charge is called _____
A) An electron B) A molecule
C) A metal D) An ion
- ii) Hydrochloric acid, nitric acid and white lead prepared by:
A) Al-Razi B) Jabber Ibn Haiyan
C) Ibn-e-Sina D) Al-Beruni
- iii) Which of the following would have the largest ionization energy?
A) Na B) Al C) H D) He
- iv) Which statement for the particles of solid is not correct?
A) They move at greater speed
B) They are arranged in regular pattern
C) There is a very little space between the particles
D) The force of attraction between the particles are strong
- v) In which of the following does sulphur have an oxidation number of +7?
A) HSO_3 B) SO_3 C) H_2SO_4 D) $\text{H}_2\text{S}_2\text{O}_8$
- vi) Electron in its ground state does not _____
A) Spin B) Revolve
C) Radiate energy D) Reside in orbit
- vii) 2 moles of Na_2SO_4 are dissolved in one dm^3 of solution, molarity of solution is _____
A) 1M B) 2M C) 3M D) 0.5M
- viii) Halogens react with non-metals forming respective _____
A) Ionic halides B) Covalent halides
C) Both A and B D) None of these
- ix) All the ionic compounds are represented by _____
A) Molecular formula B) Empirical formula
C) Formula unit D) Chemical formula
- x) The bond in CO_2 is _____
A) Single covalent bond B) Double covalent bond
C) Triple covalent bond D) Ionic bond
- xi) Group III to group VIII elements are called _____ elements.
A) s-block B) d-block C) p-block D) f-block
- xii) Which of the following is weak electrolytic?
A) HCl B) NaCl C) KCl D) NH_4OH