

Note:

You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank.

- 1** Covalent bond involves
 (A) sharing of electrons (B) donation of electrons
 (C) acceptance of electrons (D) repulsion of electrons
- 2** One of the following metals burns with a brick red flame
 (A) Na (B) Mg
 (C) Ca (D) Fe
- 3** The molecule which is not triatomic
 (A) CO₂ (B) H₂O
 (C) O₃ (D) H₂
- 4** Oxidation number of sulphur in H₂SO₄ is
 (A) +2 (B) +4
 (C) +6 (D) +8
- 5** Mist is an example of solution
 (A) liquid in gas (B) gas in liquid
 (C) solid in gas (D) gas in solid
- 6** One of the following, is weak electrolyte
 (A) acetic acid (B) sulphuric acid
 (C) sodium chloride (D) sodium hydroxide
- 7** If the number of grams of solute are dissolved in 100 cm³ of the solution, the percentage is as
 (A) % $\frac{m}{v}$ (B) % $\frac{v}{m}$
 (C) % $\frac{m}{m}$ (D) % $\frac{v}{v}$
- 8** One of the following is an electron deficient molecule
 (A) BF₃ (B) NH₃
 (C) N₂ (D) O₂
- 9** The number of element/elements present in first period is
 (A) 1 (B) 2
 (C) 3 (D) 10
- 10** The value of Avogadro's Number is
 (A) 6.02 × 10²³ (B) 6.02 × 10²¹
 (C) 6.02 × 10²² (D) 6.02 × 10³⁴
- 11** The gas which diffuses fastest
 (A) fluorine (B) chlorine
 (C) helium (D) hydrogen
- 12** The most penetrating particle is
 (A) proton (B) α-particle
 (C) neutron (D) electron