

Note:

Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer book. Cutting or filling two or more circles will result in zero mark in that question.

- 1.1** Out of the following is a weak electrolyte.
Ⓐ NaOH in water Ⓑ NaCl in water
Ⓒ CH₃OOH in water Ⓓ H₂SO₄ in water
- 2** Out of the following, _ solutions contain less water
Ⓐ 0.25M Ⓑ 2M
Ⓒ 0.5M Ⓓ 1MB
- 3** _____ of the following motions is possessed by solid particles
Ⓐ vibrational motion
Ⓑ non-vibrational motion
Ⓒ rotational motion
Ⓓ translational motion
- 4** The Empirical Formula of Benzene is
Ⓐ C₆H₁₂O₆ Ⓑ CH
Ⓒ HO Ⓓ C₆H₆
- 5** Mist is an example of solution
Ⓐ gas in liquid Ⓑ gas in solid
Ⓒ liquid in gas Ⓓ solid in gas
- 6** When U-235 breaks up, it produces
Ⓐ positrons Ⓑ neutrons
Ⓒ protons Ⓓ electrons
- 7** In a period, remains same.
Ⓐ Atomic Radius Ⓑ Shielding Effect
Ⓒ Electron Affinity Ⓓ Ionization Energy
- 8** _____ of the following molecules is diatomic
Ⓐ habitat Ⓑ community
Ⓒ population Ⓓ organisms
- 9** _____ of plant is responsible for the flow of water.
Ⓐ CO₂ Ⓑ O
Ⓒ H₂O Ⓓ H
- 10** Melting point of Sodium Chloride is
Ⓐ 1000°C Ⓑ 900°C
Ⓒ 1413°C Ⓓ 900°C
- 11** Out of the following non-metals, is lustrous.
Ⓐ Sulphur
Ⓑ Phosphorus
Ⓒ Iodine
Ⓓ Carbon
- 12** The oxidation number of Sulphur in H₂SO₄ is
Ⓒ +8 Ⓓ +6
Ⓐ 4 Ⓑ +2