

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** Which one of the following is heterogeneous mixture :
- Ⓐ Milk Ⓑ Ink
Ⓒ Milk of magnesia Ⓓ Sugar solution
- 2** A bond formed between two non-metals is expected to be :
- Ⓐ Covalent Ⓑ Ionic
Ⓒ Coordinate covalent Ⓓ Metallic
- 3** Which one of the following metal burns with a brick red flame :
- Ⓐ Sodium Ⓑ Magnesium
Ⓒ Iron Ⓓ Calcium
- 4** The most abundant element occurring in the oceans is:
- Ⓐ Oxygen Ⓑ Hydrogen
Ⓒ Nitrogen Ⓓ Silicon
- 5** Formation of water from hydrogen and oxygen is :
- Ⓐ Redox reaction Ⓑ Acid-base reaction
Ⓒ Neutralization Ⓓ Decomposition
- 6** The mass of one molecule of water is :
- Ⓐ 18 amu Ⓑ 18 g
Ⓒ 18 mg Ⓓ 18 kg
- 7** Which one of the following is strong electrolyte :
- Ⓐ Pure water Ⓑ CH_3COOH
Ⓒ $\text{Ca}(\text{OH})_2$ Ⓓ NaCl in water
- 8** Along the period, which one of the following decreases :
- Ⓐ Atomic radius Ⓑ Ionization energy
Ⓒ Electron affinity Ⓓ Electronegativity
- 9** Deuterium is used to make :
- Ⓐ Light water Ⓑ Heavy water
Ⓒ Soft water Ⓓ Hard water
- 10** How many times are the liquids denser than gases :
- Ⓐ 100 times Ⓑ 1000 times
Ⓒ 10,000 times Ⓓ 100,000 times
- 11** The electronegativity value of fluorine is :
- Ⓐ 1.0 Ⓑ 2.0
Ⓒ 3.0 Ⓓ 4.0
- 12** If 20 cm^3 of alcohol is dissolved in 100 g of water, it is called:
- Ⓐ m/m % Ⓑ m/v %
Ⓒ v/m % Ⓓ v/v %