

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.

- 1.1** can be separated by physical means
 (A) radical (B) mixture
 (C) element (D) compound
- 2** Molecular formula of Benzene is
 (A) $C_6H_{12}O_6$ (B) $C_{12}H_{22}O_{11}$
 (C) C_6H_6 (D) $CaCO_3$
- 3** One of the following, consists of three sub shells
 (A) O Shell (B) N Shell
 (C) L Shell (D) M Shell
- 4** Transition elements are
 (A) all metals (B) all gases
 (C) all non-metals (D) all metalloids
- 5** Ice floats on water because
 (A) ice is denser than water
 (B) ice is crystalline in nature
 (C) water is denser than ice
 (D) water molecules move randomly
- 6** Melting point of sodium chloride (NaCl) is
 (A) $1413^\circ C$ (B) $780^\circ C$
 (C) $800^\circ C$ (D) $180^\circ C$
- 7** Density of iron is
 (A) 2.70 g cm^{-3} (B) 19.3 g cm^{-3}
 (C) 0.917 g cm^{-3} (D) 7.86 g cm^{-3}
- 8** When a saturated solution is diluted, it turns into
 (A) super saturated solution (B) saturated solution
 (C) concentrated solution (D) unsaturated solution
- 9** Molarity is the number of moles of solute dissolved in
 (A) 1 kg of solution (B) 100 g of solution
 (C) 1 dm^3 of solvent (D) 1 dm^3 of solution
- 10** The formula of rust is
 (A) $Fe_2O_3 \cdot nH_2O$ (B) Fe_2O_3
 (C) $Fe(OH)_3 \cdot nH_2O$ (D) $Fe(OH)_3$
- 11** Oxidation number of nitrogen in HNO_3 is
 (A) +1 (B) +5
 (C) +6 (D) +12
- 12** Metals can form ion carrying charge
 (A) unipositive (B) dipositive
 (C) tripositive (D) all of these