

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 The most common example of corrosion is
Ⓐ rusting of iron
Ⓑ rusting of tin
Ⓒ chemical decay
Ⓓ rusting of aluminium
- 2 A bond pair in Covalent molecules usually has
Ⓐ 2 electrons
Ⓑ 3 electrons
Ⓒ 1 electrons
Ⓓ 4 electrons
- 3 In the redox reaction between Zn and HCl oxidizing agent is
Ⓐ H₂
Ⓑ Cl
Ⓒ H⁺
Ⓓ Zn
- 4 _____ moles are equivalent to 8 grams of CO₂
Ⓐ 0.18
Ⓑ 0.28
Ⓒ 0.15
Ⓓ 0.21
- 5 Butter is an example of solution
Ⓐ liquid in solid
Ⓑ gas in solid
Ⓒ liquid in gas
Ⓓ gas in liquid
- 6 One amu (atomic mass unit) is equivalent to
Ⓐ $1.66 \times 10^{-23} \text{g}$
Ⓑ $1.66 \times 10^{-24} \text{g}$
Ⓒ $1.66 \times 10^{-23} \text{kg}$
Ⓓ $1.66 \times 10^{-24} \text{kg}$
- 7 Molarity is the number of moles of solute dissolved in
Ⓐ 100g of solvent
Ⓑ 1kg of solution
Ⓒ 1dm³ of solution
Ⓓ 1kg of solution
- 8 _____ is the compound which is not soluble in water.
Ⓐ MgCl₂
Ⓑ C₆H₆
Ⓒ NaCl
Ⓓ KBr
- 9 _____ of the following gases diffuses faster.
Ⓐ Fluorine
Ⓑ Nitrogen
Ⓒ Chlorine
Ⓓ Hydrogen
- 10 Out of the following _____ is less malleable metal.
Ⓐ Gold
Ⓑ Silver
Ⓒ Iron
Ⓓ Sodium
- 11 Out of the following halogens, has the lowest electronegativity.
Ⓐ Bromine
Ⓑ iodine
Ⓒ Chlorine
Ⓓ Fluorine
- 12 From the following scientists
Ⓐ J.J Thomson
Ⓑ Rutherford
Ⓒ Goldstein
Ⓓ Neil Bohr