

Time: 30 Minutes

Max. Marks: 17

SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options: (17)

1. He was the first scientist who used Opium as an anesthesia:
• Ibne-Sina • Al-Beruni • Al-Razi • Robert Boyle
2. The basic unit of electric current is:
• Joule • Coulomb • Ampere • kilo watt
3. Which one of the following elements has electronic configuration as $K^2L^8M^2$?
• Calcium • Magnesium • Neon • Sodium
4. The mass of one mole of a substance expressed in gram is called:
• Empirical Formula
• Molecular Formula • Molecular Mass • Molar Mass
5. This one of the following pair of elements is chemically similar:
• (K, Cr) • (Cu, Ca) • (F, Cl) • (N, O)
6. The process in which molecules escape from the surface of a liquid is called:
• Evaporation • Boiling • Melting • Sublimation
7. The bond in MgO is:
• Electrovalent bond • Covalent bond
• Coordinate bond • Chemical bond
8. If 0.6 is the mole fraction of solute in a solution then the mole fraction of solvent would be:
• 0.1 • 0.2 • 0.3 • 0.4
9. The color of black shoes polish is due to:
• Bees Wax
• Animal charcoal • Bismark brown • Pearl Ash
10. The most abundant element found in earth crust is:
• Oxygen • Silicon • Nitrogen • Hydrogen
11. Coca-Cola contains this acid:
• Carbonic acid
• Acetic acid • Boric acid • Formic acid
12. This one of the following process is exothermic:
• Evaporation • Thermal Decomposition
• Respiration • Melting
13. The maximum density of water at 4°C is:
• 0.918 g/cm^3 • 0.998 g/cm^3 • 1 g/cm^3 • 1.2 g/cm^3
14. It is the highest Carbon content:
• Peat • Lignite • Bitumen • Anthracite
15. Sulphur burns in air with blue flames to produce:
• H_2S • SO_2 • SO_3 • S_2Cl_2
16. It is an alloy of Copper and Tin:
• Bronze • Brass • Mg_2Si • German Silver
17. The following is the functional group of Alcohol:
• -X • -OH • -COOH • $>\text{C}=\text{O}$