

- 1. Define following terms** **5×2=10**
- (i) Evaporation (ii) Boiling point
- (iii) Sublimation (iv) Colloidal solution (v) Suspension
- 2. Write 4-Factors which effect the evaporation** **4**
- 3. Why evaporation causes cooling?** **2**
- 4. Write 4-difference between colloidal and suspension** **4**
- 5. What is compound and Heterogeneous mixture** **4**
- 6. Write electronic configuration of Following element** **4**
- (a) Na (b) B (c) Ca (d) Ar
- 7. Which of following are mixture, compound?** **5**
- (i) salt solution (ii) Sugar solution (iii) Alloys
- (iv) milk (v) Calcium carbonate (vi) Sugar
- (vii) blood (viii) Carbon dioxide (ix) oxygen
- (x) Soil
- 8. Difference Homogeneous and Heterogeneous mixture.** **2**
- 9. Define following term with example?** **[2×6=12]**
- (a) compound (b) Homogeneous (c) colloidal
- (d) Suspension (e) Tyndal effect (f) Brownian movement
- 10. Which of the following elements are metal or non- metals**
- [3]**
- Ca, Na, K, P, Si, C, N
- 11. Write No. of valence electron in Following elements** **[3]**
- Mg, Al, Cl, Ar, Ca, B, N
- 12. Write atomic number and electronic configuration of following atoms** **[3]**
- Si, P, S, F, O, C
- 13. Define:-**
- [2×4=8]**

