

Short Questions

- (1) What is Electrophoresis?
- (2) Describe a method for purifying colloidal solution?
- (3) Differentiate b/w gel and emulsion?
- (4) What do you mean by critical micelle concentration (CMC)?
- (5) What is Emulsification?
- (6) Differentiate b/w colloids and sols?
- (7) Write three properties of colloids?
- (8) What do you mean by colloidal dispersion?
- (9) Define Electro-Osmosis?
- (10) Coagulation of colloids takes place by persistent dialysis?
- (11) Write down Hardy-Schulze rule?
- (12) What are surfactants with its classification?
- (13) Why True solution does not show Tyndal effect?
- (14) How Tyndall effect is observed?
- (15) Name different types of sols?
- (16) How you can purify colloids?
- (17) Difference between electrophoresis and electro-osmosis?

(18) What is Thixotropy phenomenon?

(19) Discuss the process of Ultra-Filtration?

Long Questions

- (1) What are sols also describing its types?
- (2) Kinetic properties of sols in detail?
- (3) Name different methods for molar mass determination of colloids, explain one method in details.
- (4) Heterogenous kinetics of single system reactions?
- (5) How the particle size of sols is determined?
- (6) Discuss properties of suspensions in details?
- (7) Describe one method for determine of molecular weight of macro-molecules?
- (8) Discuss the properties and precipitation of sols?
- (9) What are colloids and how they are prepared and purified?
- (10) Discuss the preparation and purification of sols?
- (11) What are colloids? Discuss kinetic properties of sols?

- (12) Name different methods for molar mass determination of colloids. Explain one method in detail.
- (13) Explain different properties of colloids?
- (14) What are colloids and how they are prepared and purified?

