

Day-7 (CHEM)-XII)

Topic : Emulsions/ Applications of Colloids.

Questions:

- (1) Give one example for each of the following
 - (a) o/w emulsions
 - (b) w/o emulsions.
2. How is an oil in water emulsion prepared?
3. What do you mean by emulsifiers? What is its role in an emulsion?
4. How can you distinguish between w/o and o/w emulsions?
5. Action of soap is due to emulsification and micelle formation. Explain.
6. Give reasons for the following.
 - (a) The sky appears blue in colour.
 - (b) Alum or $FeCl_3$ solution is used to stop bleeding.
 - (c) Deltas are formed at the mouth of the river.
 - (d) Alum is added to purify drinking water.
- ~~(7)~~
7. How does the concept of colloidal states find importance in the following?
 - (a) Cottrell precipitator
 - (b) Medicines.
 - (c) Rubber industries
 - (d) Photography
 - (e) Leather industries.

