

- xi. Storage of plasma.
- xii. Purpose of dip tube in aerosols.
- xiii. What are cationic emulsifying agents? Give example.
- xiv. Purpose of anti-acne cream.
- xv. Can emulsions be administered through IV route?

SECTION-B

- Q2 Differentiate between flocculated and deflocculated suspensions.
- Q3 What is the importance of actuator in pharmaceutical aerosols?
- Q4 What are deodorants? Discuss its various formulations.
- Q5 Discuss the various theories of emulsification.
- Q6 Write a note on Lipsticks.

SECTION-C

- Q7. Explain the structure of skin. Discuss different routes of drug penetration.
- Q8. Define suspension. Explain various types of suspending agents. Discuss their uses.
- Q9. Classify ophthalmic products and discuss factors affecting ocular bioavailability of drugs. Is isotonic adjustment required for all ophthalmic products?
- Q10. Write notes on :
 - a) Formulation of cleansing creams
 - b) Dextran