FirstRanker.com

Figstplanker's two freethods in which it is transfer to the come www.FirstRanker.com

- Define niosomes. What are their formulation components? Explain the principle and procedure of ether injection and Rotary flash evaporation techniques of their preparation in detail.
- 3. Explain in detail biological processes involved in drug targeting.
- 4. What are the different types of intranasal drug delivery systems.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

- Differentiate between phytosomes and liposomes with the help of a neat diagram. Add a note on their respective therapeutic applications.
- Write the evaluation parameters for microspheres.
- Describe the formulation of insitu gelling nasal dosage forms.
- 8. Explain in detail any two techniques of drug targeting.
- Write a note on drinking water medication and tubing product in veterinary dosage forms.
- Describe oral pastes and gels for veterinary use.
- Write a note on different containers used for aerosols.
- 12. Describe Monoclonal antibodies. Add a note on their preparation.
- 13. Explain different types of aerosol filling techniques.
- 14. What are polymeric nanoparticles? Add a note on their advantages and disadvantages.