

QP CODE: 211327

Reg. No:.....

Second Semester M.Pharm Degree Examinations August 2018

M.Pharm (Pharmaceutics)

Paper I: Molecular Pharmaceutics (MPH 201T)

(Nano Technology and Targeted Drug Delivery Systems)

(2017 Scheme)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Describe the types, preparation and evaluation of intra nasal route delivery system.
2. Elaborate the liposomal gene delivery system.
3. Explain tumour targeting and brain specific delivery of drugs

Short Notes

(9x5=45)

4. Aerosol containers.
5. Preparation and application of phytosomes.
6. Preparation of nano particles.
7. Potential target for gene therapy.
8. Evaluation of liposomes.
9. Aptamers.
10. Drug targeting.
11. Application of monoclonal antibodies.
12. Electosomes
