

01/01/24

Seat Number

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DADU-03

MPH-201T : Molecular Pharmaceutics (NTDS)
(181201)

Total Page : 1]

Time: 3 Hours

Max. Marks : 75

Instructions to Candidates:

- 1) Do not write anything on question paper except Seat No.
- 2) Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
- 3) Students should note, no supplement will be provided.
- 4) Attempt **any five** questions.
- 5) Each questions carries equal marks.
- 6) Figures to the right indicates full marks.

1. Define liposomes. Enlist types and Discuss evaluation of liposomes. 15
2. Discuss types and preparation of intranasal route delivery system. 15
3. Explain gene therapy. Write note on liposomal gene delivery system. 15
4. Define targeted drug delivery system. Explain biological process involved in drug targeting. 15
5. Write note on 15
 - (A) Aptamer
 - (B) Electrosomes
6. Discuss method of preparation and evaluation of microcapsules. 15
7. Discuss tumour targeting. 15
8. Write short note on 15
 - (A) Propellants
 - (B) Monoclonal antibodies
 - (C) Blood brain barrier