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Roll No

BP-704T/PY-704-CBGS

B.Pharmacy VII Semester (PCI Scheme)/ (Non-PCI Scheme)

Examination, June 2020

Choice Based Grading System (CBGS)

Novel Drug Delivery Systems

Time : Three Hours

Maximum Marks : 75

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. Give introduction, advantages and disadvantages of implants and osmotic pumps.
2. Describe the formulation of inhalers.
3. Give the basic concepts of Transdermal drug delivery systems.
4. Give in detail principles of bio adhesion and formulation considerations of buccal delivery systems.
5. Explain the concept of controlled drug delivery system and approaches to design them.
6. Explain intra ocular barriers and methods to overcome them.

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7. Explain the concept of liposomes and its applications.

8. Write short notes on any three:
 - a) Intra uterine devices
 - b) Monoclonal Antibodies
 - c) Nebulizers
 - d) Ocuserts

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