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Roll No

MPY-PCS(A)

M.Pharmacy III Semester Examination, June 2020 Modulated Release Oral Drug Delivery Systems (Elective)

Time : Three Hours

Maximum Marks: 70

Note : i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) Explain release mechanism of gastro-retentive dosage forms.
b) Write in detail about medicated chewing gum.
2. Explain the concept and design of controlled drug delivery system.
3. a) Discuss pelletization. Write down its pharmaceutical applications.
b) What do you mean by spray drying and spray congealing?
4. a) Explain Self Emulsifying Drug Delivery System (SEDDS) with suitable examples.
b) Write in detail about formulation of gastro-retentive drug delivery system.
5. Write down the concept and formulation approaches of colloidal drug delivery system.
6. a) Describe in detail centrifugal granulation.
b) Explain concept and design of oral mucosal drug delivery system.
7. a) Discuss how DissoCubes enhances the solubility of drugs.
b) Explain TheriForm in detail.
8. Write short notes on:
 - a) Buccal tablets
 - b) Cryopelletization
