

M.Pharm. Second Semester (Industrial Pharmacy)  
**35213 : Selected Topics in Industrial Pharmacy - II : MIP 205**

P. Pages : 1

Time : Three Hours



**AU - 0742**

Max. Marks : 70

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- Notes :
1. All question carry equal marks.
  2. Answer **any five** question.
  3. Illustrate your answer necessary with the help of neat sketches.

1. Give detail manufacturing of aerosol cosmetics. Add a note on their physicochemical & microbiological evaluation. 14
2. Define optimization. Discuss in detail various optimization techniques. 14
3. Discuss in detail physicochemical and biological factor affecting stability of drug. 14
4. Write in detail about testing of bio-equivalence of dosage form. 14
5. Discuss Packaging material and their quality control test in pharmaceutical product manufacturing. Add a note on it's validation. 14
6. Explain in detail various methods of enhancement of bioavailability with example. 14
7. Write a note on following **any two**. 14
  - a) Permeation Enhancers.
  - b) Accelerated stability testing.
  - c) Evaluation of Lipstick.

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