

**FACULTY OF PHARMACY****Pharm. D (6 YDC) III - Year (Instant) Examination, March 2018****Subject: Pharmaceutical Formulations****Time : 3 Hrs****Max. Marks: 70*****Note: Answer all questions from Part - A and answer any five questions from Part-B.*****PART – A (10 x 2 = 20 Marks)**

- 1 Enlist the tablet coating defects.
- 2 Write a note on LAL test for pyrogens
- 3 What is the significance of displacement value in the preparation of suppositories?
- 4 Differentiate between sugar coating and film coating.
- 5 Enlist the quality control tests for soft gelatin capsules.
- 6 Write a note on jellies.
- 7 What are Ocyserts?
- 8 Mention advantages and limitations of controlled drug delivery systems.
- 9 Differentiate between buccal and sublingual tablets.
- 10 What is bloom strength and explain its importance.

**PART – B (5 x 10 = 50 Marks)**

- 11 Define and Classify Ointments. Write a note on preparation of Ointments by fusion, trituration and chemical reaction.
- 12 Classify and explain different types of Pharmaceutical dosage forms.
- 13 Write a note on production, filling and quality control tests of hard gelatin capsules.
- 14 Describe formulation of different types of tablets. Write in detail about granulation techniques.
- 15 Write a note on transdermal drug delivery system and nasal drug delivery systems.
- 16 Explain formulation and evaluations of suspensions.
- 17 What are suppositories? Discuss in detail about suppository bases.
- 18 Describe formulation of Large Volume parenterals. Explain briefly dry heat sterilization and moist heat sterilization.

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