

FACULTY OF PHARMACY**B. Pharmacy 3/4 I-Semester (NON-CBCS) (Backlog) Examination, December 2019****Subject : Pharmaceutical Technology (Pharmaceutics – II)****Time: 3Hours****Max. Marks: 70****Note:** Answer All Questions, All Questions carry equal marks.

1. a. Describe the properties and selection of pharmaceutical excipients used in the preparation of solid dosage forms? (14)
OR
b. Give the capsule content of soft gelatin capsule. What are the quality control tests of soft gelatin capsules? (10)
c. Write a note on the substances which can be used and which cannot be used in soft gelatin capsules. (4)
2. a. Classify emulsion. (4)
b. How emulsions are formulated and evaluated? (10)
OR
c. Classify suspension. (4)
d. How suspensions are formulated and evaluated? (10)
3. a. What are the various types of tablets? Explain with examples. (10)
b. What are the various components used in coating of tablets? (4)
OR
c. Explain the various film defects in coating process. (7)
d. Discuss single punch and rotary press with a neat diagram. (7)
4. a. Define parenterals. Discuss the different evaluation tests for parenterals. (9)
b. Classify the various routes of administration of parenterals. (5)
OR
c. Classify various preservatives used in formulation of ophthalmic products. (7)
d. How ophthalmic products are stored and packed? (7)
5. a. What are the components of aerosol package? Explain in detail. (10)
b. What are propellants? Classify them. (4)
OR
c. What are the factors influencing the choice of the container? (5)
d. Give the in- house and finished product testing of pharmaceutical packages. (9)
