

FACULTY**B. Pharmacy 3/4 I Semester (Suppl.) Examination, April 2017****Subject : Pharmaceutical Technology (Pharmaceutics – II)****Time : 3 Hrs****Max. Marks: 70****Note: Answer all questions. All questions carry equal marks.**

- 1 (a) Explain the properties and selection of oranoleptic aents in pharmaceutical preparations. (7)
(b) Write a note on surfactants. (7)
- OR**
- (c) What are the different sizes of hard elatin capsules? Describe varis fillin methods of hard elatin capsules? (8)
(d) Describe quality control tests for soft elatin capsule. (6)
- 2 (a) What are suspensions? Differentiate flocculated and deflocculated suspensions? Explain different types of additives used in the preparation of suspension. (7)
(b) Discuss in briefly the formulation of suspensions. How will y evaluate the suspensions? (7)
- OR**
- (c) What are emulsions? Explain different of types of emulsions? Write a note on formulation of emulsions. (8)
(d) What are the different types of identification tests for emulsion? (4)
(c) Add a note on multiple emulsion. (2)
- 3 (a) Explain in detail quality control tests for the coated tablets with the specifications stated in pharmacopeia. (7)
(b) Describe varis excipients used in the formulation of tablets. (7)
- OR**
- (c) What are the reasons for coatin a tablets? Write abt types and rationale of different coatin process es. (7)
(d) Describe in detail film coatin process. (7)
- 4 (a) Explain in detail the types of parenteral preparations and their advantaes. Describe production facilities and environmental control required for the preparation of parenterals. (14)
- OR**
- (b) Explain formulations and manufacture of eye drops. (6)
(c) Describe in detail evaluation of parenterals. (8)
- 5 (a) Write in detail different types of propellants used in aerosols and describe in detail packain materials and met hods used in the manufacture of aerosols. (14)
- OR**
- (b) What are the ideal properties of packain materials? What do y mean by tamper proof packain ? Describe in detail strip and blister packain. (14)
