

**FACULTY****B. Pharmacy 3/4 Year I Semester (Non CBCS)(Backlo) Examination, July 2019****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 antioxidants and diluents for pharmaceutical formulations? 7  
(b) Classify hydrocolloids? Write a note on any two hydrocolloids used in pharmaceutical formulations? 7  
**OR**  
(c) Describe any two fillin methods of hard elatin capsules? 8  
(d) Describe evaluation tests for soft elatin capsules? 6
- 2 (a) Define suspensions? How will y formulate a suspension? what are the factors affectin formulation of a suspension? 10  
(b) Discuss in brief the rheology of suspensions? 4  
**OR**  
(c) Define emulsion? How will y evaluate shelf life of an emulsion? 6  
(d) Describe evaluation of an emulsion and add a note on multiple emulsion? 8
- 3 (a) Why coatin of tablets required? Classify varis types of coatin? 6  
(b) Explain film coatin defects? 8  
**OR**  
(c) Classify different types of tablets? Mention the components of chewable tablet? 6  
(d) What are varis problems encntered durin compression of a tablet? 8
- 4 (a) Classify parenterals? What do y mean by BFS (Blow fill seal) and FFS (form fill seal) technology? 6  
(b) Explain evaluation tests for sterile powders? 8  
**OR**  
(c) Explain methods of manufacture of eye drops? What are the labellin instructions required for ophthalmic preparations? 9  
(d) Write a note on parenteral suspension? 5
- 5 (a) What are the manufacturin methods of aerosols? Menti on the advantaes and disadvantaes? 9  
(b) Explain packain of aerosols? 5  
**OR**  
(c) Explain metal as a pharmaceutical packain system? What are the quality control tests performed for metal containers? 6  
(d) Write a note on incompatibility of drus and containers with examples? 8

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