Code No. 1181

FACULTY
B. Pharmacy 3/4 I Semester (Suppl.) Examination, April 2018

Subject : Pharmaceutical Technoloy (Pharmaceutics   II)

Time : 3 Hrs   Max. Marks: 70

Note: Answer all questions. All questions carry equal marks.

1 (a) How will y select preservatives and hydrocolloids based on properties for a iven formulation? (7)
   (b) Explain different diluents and its properties. (7)
   OR
   (c) What are the different sizes of hard elatin capsules? Describe manufacturin of hard elatin capsules? (8)
   (d) Describe evaluation of soft elatin capsules. (6)

2 (a) Define Stokes law. Describe problems and trble shootin in the formulation of suspensions. (7)
   (b) Explain varis quality control tests of suspensions. (7)
   OR
   (c) What are emulsions? Describe theories of emulsion. (7)
   (d) What are evaluation tests for emulsion? (7)

3 (a) Describe disinteration test and its limit s accordin to pharmacopeia (IP, BP, USP). (5)
   (b) Describe varis processin problems encntered durin compression. (9)
   OR
   (c) Write abt types and rationale of different coatin processes. (5)
   (d) Describe indetail materials used for film coatin process. Write a note on enteric polymers. (5+4)

4 (a) Classify injectables. Explain their advantaes and limitations. (5)
   (b) Explain different types of fillin procedures and a note on injectable emulsions. (9)
   OR
   (c) Describe containers used in the packain of eye drops. (6)
   (d) Write in detail quality control tests and animal testin required for ophthalmic products. (8)

5 (a) Define aerosol and mention its advantaes and disadvantaes. (5)
   (b) Describe manufacturin of aerosols. (9)
   OR
   (c) Describe quality control tests for lass. (9)
   (d) How does packain materials influence stability of formulations? (5)

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