

Code: 9R01602

B.Pharm III Year II Semester (R09) Supplementary Examinations December 2017

**PHARMACEUTICAL TECHNOLOGY – II**

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Explain the formulation and manufacturing of hard gelatin capsule shell.  
(b) Explain the significance of base absorption.
- 2 (a) Write the applications of microencapsulation in pharmacy along with examples.  
(b) Explain in detail about microencapsulation by phase-separation coacervation.
- 3 (a) Give a detailed account on process of compression by rotary tablet compression machine.  
(b) Write about the formulation of chewable tablets.
- 4 (a) Classify the coating equipment. Explain about perforated coating pans.  
(b) Write about formulation of coating solution.
- 5 (a) Give a detailed account on formulation of parenteral products.  
(b) Explain the test for pyrogens.
- 6 Explain in detail about the design of aseptic area for the production of parenterals with floor plan diagram.
- 7 (a) Classify different packing and packaging materials. Explain in detail about types of glass and their evaluation and applications.  
(b) Write about the factors influencing selection of container materials.
- 8 (a) Write about the methods of packing of semi-solid dosage forms.  
(b) Write about the stability of packaging.

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