

**Code No: B3202/R10**

# R10

**III B.Pharmacy II Semester Supplementary Examinations, April 2017**  
**PHARMACEUTICAL TECHNOLOGY-II**

Time: 3 hours

Max Marks: 75

Answer any FIVE Questions  
All Questions carry equal marks

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- (a) Explain the importance of base absorption and minimum 1gm factor in soft gelatin capsules  
(b) Write a note on manual filling methods for capsule filling [8+7]
- (a) Write a short notes on evaluation techniques of microencapsules.  
(b) Explain briefly about spray drying and spray congealing. [7+8]
- Discribe the following wet granulators (a) Fluidised bed granulators  
(b) Diosna mixer granulator [7+8]
- (a)write the typical aqueous film coating formulation and its application  
(b) What are the reasons and remedies for “Orange peel effect” and “Bridging” in film coating [7+8]
- (a) Explain the principle, construction and working of distilled equipment for water for injection (WFI)?  
(b) Write about the importance of pyrogens and apyrogents in parental? [7+8]
- Write a short note on the following.  
(a) Evaluation test of tablets as per pharmacopeia.  
(b) Aseptic techniques, resource of contamination and design of aseptic area. [7+8]
- Explain about Arsenic test and thermal shock test for glass containers. [15]
- Write about the packaging material used for solid dosage form highlighting their relative merits [15]

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