

Subject Code: B133201/R13

III B. Pharmacy II Semester Supplementary Examinations Nov. - 2016

PHARMACEUTICAL TECHNOLOGY-II

Time: 3 hours

Max. Marks: 70

Question Paper Consists of **Part-A** and **Part-B**
Answering the question in **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**

PART-A

1. (a) Write about importance of minim per gram in the context of soft gelatin capsules.
- (b) What is microencapsulation and mention different types of microencapsulation?
- (c) Write a short note on diluents used in the formulation of tablets.
- (d) Mention different type of polymers used in the film coating of tablets.
- (e) Write a note on water for injection.
- (f) Write a note on types of plastic containers used in pharmaceutical packaging.

[3+4+4+4+3+4]

PART-B

2. (a) Write a note on the manufacturing method of hard gelatin capsules.
- (b) Explain the evaluation of capsules. [8+8]
3. (a) Highlight the importance of microencapsulation in pharmacy.
- (b) Write in detail about any four methods of microencapsulation. [6+10]
4. (a) Write a note on the excipients used in the formulation of tablets.
- (b) Describe the quality control of tablets. [8+8]
5. (a) Discuss the sugar coating process.
- (b) Write a note on the materials used in the film coating process. [6+10]
6. (a) Write a note on the containers used in the packaging of parenteral products.
- (b) Write a note on the quality control of parenterals. [6+10]
7. (a) Explain in detail about the materials used in the packaging of pharmaceutical products.
- (b) Write a note on blister packaging and strip packaging. [10+6]
