

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]
