

Code: 9R01602

B.Pharm III Year II Semester (R09) Supplementary Examinations May/June 2018

PHARMACEUTICAL TECHNOLOGY – II

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 Write short notes on the following:
 - (a) Hard gelatin capsules.
 - (b) Capsule filling.
 - (c) Quality control of capsule dosage forms.

- 2
 - (a) Give the significance of microencapsulation of drugs.
 - (b) Write a note on air suspension technique.
 - (c) Write a short note on evaluation of microencapsules.

- 3
 - (a) Briefly discuss evaluation of tablet dosage form.
 - (b) Write various types of machineries employed for compression of tablets.

- 4
 - (a) Describe the process of tablet coating and its advantages.
 - (b) Write about evaluation of coated tablets.

- 5
 - (a) Write short notes on evaluations of parenteral products.
 - (b) Explain the protocols followed in preformulation studies of parenterals.

- 6
 - (a) What is aseptic technique?
 - (b) Give the design of an aseptic area.
 - (c) Write a short note on laminar flow benches.

- 7
 - (a) Give a detailed account on packaging components and types of packaging materials used for pharmaceuticals.
 - (b) Give a detailed account on methods of evaluation of packaging components as per the Indian pharmacopoeia.

- 8
 - (a) Write a short note on methods of packing of solid and liquid dosage forms.
 - (b) Write a short note on packaging of pharmaceuticals and stability considerations.
