

**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.

\*\*\*\*\*