

# Question Paper

Exam Date & Time: 13-May-2023 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Instructions: Answer ALL questions.

**Pharmaceutics [PCE 1.2T-S2]**

**Marks: 70**

**Duration: 180 mins.**

### Section A

**Answer all the questions.**

Long Answer Questions (3 x 10 marks = 30 marks)

- 1) What is physical stability of suspensions? How it can be evaluated? Explain. How physical stability can be achieved? Discuss. (10)
- 2) Explain factors affecting the selection of dose of drugs. (10)
- 3) Classify incompatibilities. Discuss physical incompatibilities with example and their preventive measures. (10)

### Section B

**Answer all the questions.**

Short Answer Questions (6 x 5 marks = 30 marks)

- 4) How much water should be mixed with 800 mL of 70% v/v alcohol to make it 45% v/v alcohol? (5)
- 5) Discuss on different bases used in the preparation of suppositories. (5)
- 6) Write short notes on mouth washes. (5)
- 7) Define galenical. Explain simple percolation process. (5)
- 8) Write the importance of tonicity adjustments. How it can be achieved? Explain. (5)
- 9) Compare infusions and decoctions. (5)

### Section C

**Answer all the questions.**

Give Reasons for the Following (5 x 2 marks = 10 marks)

- 10) Why pharmaceutical dosage forms are important? (2)
- 11) Emulsifying agent is required in the preparation of emulsions. (2)
- 12) Pharmacist should not change his facial expression in front of patient after handling the prescription. (2)
- 13) Pharmaceutical Industries revenue growing exponentially. (2)
- 14) Perforated plastic net is an essential part of wound dressings. (2)

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