

# Question Paper

Exam Date & Time: 04-May-2024 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

I Pharm D University Examination May 2024

Pharmaceutics [PCE 1.2T-S2]

Marks: 70

Duration: 180 mins.

### A: Long Answer Questions

Answer all the questions.

Draw diagrams wherever necessary

- 1) The solution is which type of dosage forms? Explain in detail various types of solutions as a dosage form for internal use. (10)
- 2) a) The adult dose of a drug is 550 mg. Calculate the dose for a 7-year-old child using Young's formula and Clark's formula. [6 Marks] (10)  
b) How to prepare 500 mL of 45% v/v alcohol from 75% v/v and 10% v/v alcohols. [4 Marks]
- 3) Define and Classify Surgical Dressings. Explain in detail three examples of primary dressings (10)

### B: Short Answer Questions

Answer all the questions.

- 4) Write a short note on Pharmaceutical powders and their uses. (5)
- 5) Define Percolation. Enlist various components in percolation assembly. Explain various steps involved in percolation. (5)
- 6) Write and explain the disadvantages of suspensions as dosage form. (5)
- 7) How Hypotonic solutions are made Isotonic? Discuss. (5)
- 8) How do you prepare emulsion from wet gum and dry gum methods? Explain. (5)
- 9) Discuss the moulding method for the preparation of suppositories. (5)

### C. Give Reasons for the Following

Answer all the questions.

- 10) Patient history is an important factor in posology. (2)
- 11) Fine Powder can be designated as #(85/120) (2)
- 12) Why allegation method is the method of rectangles? (2)
- 13) Components of Eutectic powders need to be packed separately. (2)
- 14) An ideal dressing shall be impervious to fluids from outside, justify. (2)

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