Question Paper

Exam Date & Time: 06-Jul-2023 (10:00 AM - 01:00 PM)

MANIPAL ACADEMY OF HIGHER EDUCATION

Instructions: Answer ALL questions.

Pharmaceutics [PCE 1.2T-S1]

Marks: 70   **Duration: 180 mins.**

Section A

Answer all the questions.

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

1)	What is prescription? Write a neat prescription and discuss different parts of prescription.	(10)
2)	Define emulsions. How to identify type of emulsion? Explain. Discuss physical instability of emulsions.	(10)
3)	Define and classify incompatibilities. Discuss therapeutic incompatibilities with examples and their preventive measures.	(10)

Section B

Answer all the questions.

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

4)	What is allegation, proof strength? Explain with examples.	(5)
5)	List and explain the advantages and disadvantages of powders and granules as dosage forms.	(5)
6)	Differentiate lotions and liniments.	(5)
7)	Enlist and explain various factors that enhances efficiency of extraction.	(5)
8)	Write the differences between flocculated and deflocculated suspensions.	(5)
9)	Give the final composition for 12 suppositories of 1 g each to contain 50 mg Menthol per suppositories. (Displacement value is 0.7) Show your calculation. Assume the base as cocoa butter.	(5)

Section C

Answer all the questions.

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

10)	Creaming is considered as a reversible process.	(2)
11)	Oily preparations are not preferable in nasal drops.	(2)
12)	Pharmacopoeia considered as a standard reference.	(2)
13)	Tetracycline cannot be prescribed with calcium supplements.	(2)
14)	Tensile strength is an important quality parameter for ideal dressing.	(2)

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