



Paper ID : 250430

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Subject Code: BP103T

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**BPHARM**  
**(SEM I) THEORY EXAMINATION 2024-25**  
**PHARMACEUTICS-I**

**TIME: 3 HRS****M.MARKS: 75****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****10 × 2 = 20**

<b>a.</b>	What do you mean by displacement value?
<b>b.</b>	Name two evaluation parameters of semisolid dosage forms.
<b>c.</b>	Enlist two stability problems of suspensions.
<b>d.</b>	What do you mean by percentage weight by volume solution?
<b>e.</b>	Name one antimicrobial preservative and an antioxidant used in liquid dosage forms.
<b>f.</b>	Differentiate between lotion and liniment.
<b>g.</b>	Determine 90% v/v alcohol in terms of proof spirit.
<b>h.</b>	What are effervescent powders?
<b>i.</b>	Calculate the dose for a child of 5 years old whose body surface area is 1.4 m <sup>2</sup> and the adult dose is 80 mg.
<b>j.</b>	Enlist editions of the Indian Pharmacopoeia.

**SECTION B****2. Attempt any two parts of the following:****2 × 10 = 20**

<b>a.</b>	Discuss the methods of preparation of emulsions, their stability problems, and methods to overcome these problems.
<b>b.</b>	Write a detailed note on the origin and development of pharmacy, along with its scope as a profession.
<b>c.</b>	Define prescription. What are the various parts of a prescription? Draw a sample for a prescription.

**SECTION C****3. Attempt any five parts of the following:****7 × 5 = 35**

<b>a.</b>	Write the difference between flocculated and deflocculated suspension.
<b>b.</b>	What do you understand by Pharmacopoeia? Write a note on IP.
<b>c.</b>	Define suppositories. Explain different types of suppositories bases.
<b>d.</b>	Calculate the proportions of each 40%, 35%, 20%, and 10% zinc oxide ointment to be mixed to produce a 25% zinc oxide ointment.
<b>e.</b>	Classify powders. Write a note on dusting powder.
<b>f.</b>	Define incompatibility. Discuss physical incompatibility with a few examples.