



Paper id: 253104

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Subject Code: BP103T

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

TIME: 3 HRS**M.MARKS: 75**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.
2. Any special paper specific instruction.

SECTION A**1. Attempt all questions in brief.****10 x 2 = 20**

a.	What is a prescription?
b.	Define posology.
c.	What is displacement value?
d.	Differentiate between mouthwash and gargles
e.	Define eutectic mixture
f.	Suggest two examples of self-preserving dosage form
g.	Define the types of bases used in suppository.
h.	Suggest the factors influencing dermal penetration of drugs. .
i.	Name the excipients used in the formulations of semi-solid dosage forms.
j.	Cite two examples of skin penetration enhancers.

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

a.	Define emulsion Discuss the various methods of preparation of emulsion, problems arising to maintain stability and suggest ways to overcome them
b.	Describe in brief the various solubility enhancement techniques applicable to drugs with low solubility.
c.	Describe the various types of pharmaceutical incompatibilities with suitable example(s) of each type.

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

a.	Describe the historical evolution of the profession of Pharmacy in India in relation to the pharmacy education.
b.	State and explain the roles of various factors affecting posology.
c.	Write a brief note on the excipients used in formulation of liquid dosage forms.
d.	Explain the methods of preparation of eardrops and elixirs and mention the uses of the two.
e.	Describe in brief the various methods used for evaluation of pharmaceutical suppositories.
f.	Classify powder. Write short note on dusting powder
g.	Explain the various parts of an ideal prescription