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BPHARM
(SEM I) THEORY EXAMINATION 2021-22
PHARMACEUTICS I – THEORY

Time: 3 Hours**Total Marks: 75****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

a.	What do you mean by the term USP-NF?
b.	What is Displacement value?
c.	Enlist the various formulae used for child dose calculation.
d.	Differentiate between Gargles and Mouthwashes.
e.	Define the term efflorescent.
f.	Outline the importance of Geometric dilutions.
g.	Classify suppositories.
h.	Extend the abbreviations po and bid .
i.	Outline the Errors in prescription.
j.	Differentiate between paste and cream.

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

a.	Discuss in detail about the Indian Pharmacopoeia.
b.	Classify and define different types of Pharmaceutical powders.
c.	Summarize the stability problems of Emulsions and methods to overcome them.

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

a.	Design a sample prescription and discuss its parts in detail.
b.	Calculate the volume of 90%, 80%, 40%, v/v of alcohol required to prepare 500 ml of 20% alcohol.
c.	Discuss various preparation methods of Emulsion and suspension.
d.	Classify suppositories bases and disadvantages of suppositories.
e.	Discuss physical incompatibilities with examples.
f.	Outline the factors influencing dermal penetration of drugs.
g.	Illustrate evaluation of semi-solid dosages forms.