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BPHARM
(SEM I) THEORY EXAMINATION 2024-25
PHARMACEUTICAL INORGANIC CHEMISTRY– THEORY

TIME: 3 HRS

M.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.	Define expectorants.
b.	What is zinc eugenol cement?
c.	What are the uses of potash alum?
d.	Discuss the uses of extra and intracellular electrolytes.
e.	Give the uses of potassium chloride.
f.	Explain the role of Kaolin and Bentonite.
g.	List examples of iodine and its preparations.
h.	What are Hematinics?
i.	Paraphrase the role of activated charcoal.
j.	Enlist the uses of poison and antidote

SECTION B

2. Attempt any two parts of the following:

2 x 10 = 20

a.	Explain the storage conditions, precautions & pharmaceutical application of Sodium iodide I ¹³¹ .
b.	Describe the assay method used for ammonium chloride and heavy metals.
c.	Summarize the type of impurities with examples.

SECTION C

3. Attempt any five parts of the following:

7 x 5 = 35

a.	Give a note on the use of sodium bicarbonate.
b.	Discuss the limit test of chloride.
c.	Write a brief note on α , β , γ radiations.
d.	Explain the mechanism of action of hydrogen peroxide and its uses.
e.	Discuss the history of pharmacopeia.
f.	What are the methods used for measurements of tonicity?
g.	What is the composition of oral rehydration salt?