



PAPER ID-310398

Printed Page: 1 of 1

Subject Code: BP104T

Roll No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BPHARM
(SEM I) THEORY EXAMINATION 2023-24
PHARMACEUTICAL INORGANIC CHEMISTRY– THEORY

TIME: 3 HRS**M.MARKS: 75****Note:** Attempt all Sections.**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

a.	State the meaning of the term 'Impurity'.
b.	Define the term astringent and give an example.
c.	Write the composition of ORS.
d.	State the principle for limit test of lead.
e.	What are dentifrices? Give example.
f.	Define Cathartics with suitable examples.
g.	What is the mechanism of action of expectorants?
h.	What are Haematinics? Give example.
i.	Curie and Roentgen are the units of radioactivity (T/F).
j.	_____ is the molecular formula for blue vitriol.

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

a.	Give the general method for preparation, properties, and medicinal uses of any four of the following: (i) Sodium Fluoride (ii) Potash Alum (iii) Povidone Iodine (iv) Calcium Gluconate (v) Ammonium Chloride
b.	Describe the principle, procedure and apparatus for limit test of Arsenic.
c.	What are radiopharmaceuticals? Give the principle and working of Geiger-Muller counter. Discuss the role of I^{131} , Tc^{99} and Co^{60} in diagnosis/Treatment of disease.

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

a.	Give the principle and procedure for limit test of chloride.
b.	What are antimicrobials? Give the preparation, properties and uses of Potassium permanganate.
c.	Write a detailed note on poison antidote. Give preparation and uses of Sodium thiosulphate.
d.	Explain the Combination of Antacids.
e.	Discuss electrolytes used for replacement therapy.
f.	What are iron supplements? Discuss any one compound in detail.
g.	Write a note on: Zinc-eugenol cement Aluminium hydroxide gel