



Paper id: 253108

Printed Page: 1 of 1
Subject Code: BP104T

Roll No:

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

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

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.	What do you understand by the term monograph.
b.	Write down the principle and procedure involved in limit test for chlorides.
c.	Give the molecular formula and uses of Ammonium chloride.
d.	Write the ideal properties of buffer solutions.
e.	State the properties and uses of Hydrogen peroxide.
f.	Classify inorganic Anti-microbial agents.
g.	What are Emetics?
h.	Define Antidotes and its different types with examples.
i.	What is Half-life of radioactive substances?
j.	Define the term Radioactivity with units.

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

a.	What are limit tests? Discuss the apparatus, principle, reaction and procedure involved in limit test for Arsenic.
b.	Describe Astringents with suitable examples.
c.	Discuss in detail about the pharmaceutical applications of Radioactive substances.

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

a.	Explain the various sources of impurities with examples in detail.
b.	Explain the different methods used for the measurement and adjustment of isotonicity.
c.	What are Cathartics? Explain its mechanism and also discuss in detail about preparation, properties and uses of Magnesium sulphate.
d.	What is an Antacid? Write a note about methods of preparation, properties and uses of Sodium bicarbonate.
e.	Discuss the method of preparation, properties, assay, uses and storage of compound used in cyanide poisoning.
f.	What are Haematinics. Explain method of preparation, properties, assay and uses of Ferrous sulphate.
g.	Write the precautions to be taken during handling and storage of radioactive substances.