



Roll No:

BPHARMA
(SEM I) THEORY EXAMINATION 2023-24
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 cathartics with examples.
b.	Give two examples of dentrifices.
c.	Explain mechanism of action of antimicrobials.
d.	Write the category to which sodium potassium tartarate belongs to.
e.	What is the modified limit test for chloride.
f.	_____ is the molecular formula for white vitriol.
g.	What is half-life of radioactive elements?
h.	What are the contents of monograph.
i.	Which method is used in assay of sodium thiosulphate.
j.	Write the composition of ORS.

SECTION B

2. Attempt any *two* parts of the following:

2 x 10 = 20

a.	What are emetics. Write the method of preparation, properties, uses and assay of copper sulphate.
b.	Define limit test. List out the various limit tests you have studied. Discuss in detail limit test of sulphate
c.	What do you understand by acidifiers? Illustrate the method of preparation, properties, uses and assay of ammonium chloride

SECTION C

3. Attempt any *five* parts of the following:

7 x 5 = 35

a.	Illustrate with the help of principle, diagram, reactions limit test of arsenic.
b.	Write a detailed note on iodine and its preparations.
c.	Discuss electrolytes used for replacement therapy.
d.	Explain pharmaceutical applications of radioactive substances.
e.	Write a detailed note on poison antidote. Give preparation and uses of Sodium thiosulphate.
f.	What are hematinics. Explain preparation, properties and uses of ferrous sulphate.
g.	Write a detailed account on history of Pharmacopoeia.