



PAPER ID-411552

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Subject Code: BP102T

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BPHARMA
(SEM I) THEORY EXAMINATION 2023-24
PHARMACEUTICAL ANALYSIS – 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 normality.
b.	Write the properties and use of oxalic acid.
c.	Write the use of potassium permanganate in pharmacy.
d.	Write a note on calcium gluconate.
e.	Make a neutralization curve of strong acid strong base titration.
f.	Write the principle of diazotization titration.
g.	Write the principle of electrochemical cell.
h.	Define accuracy.
i.	Define precision.
j.	Define significance figures.

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

a.	Write the definition and scope of pharmaceutical analysis.
b.	Write the theories of acid base indicators.
c.	Write the principles and steps involved in gravimetric analysis.

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

a.	Write the principle and procedure of complexometric titration.
b.	Make a diagram of conductivity meter; write its principle and applications.
c.	Write the principle, procedure and applications of Mohr's method.
d.	Write the types of errors.
e.	Write the measures for minimization of errors.
f.	Discuss the importance of acidimetry.
g.	Discuss the importance of primary and secondary standards.