PAPER ID-311195

Subject Code: BP102T

Roll No: | | | | | | | | | | | | | |

BPHARM

(SEM I) THEORY EXAMINATION 2023-24

PHARMACEUTICAL ANALYSISI – THEORY

TIME: 3HRS **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 mole fraction.
b.	How can you prepare 1molar oxalic acid solution?
c.	Give the principle behind limit test of chloride.
d.	Write various solvents used in non-aqueous titration.
e.	Define diazotization.
f.	Define iodometry.
g.	Write the principle of polarography.
h.	Give the principle of volhard's method.
i.	How will you estimate calcium gluconate?
j.	What do you understand from neutralization curves?

SECTION B

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

a.	Give the principle and steps involved in gravimetric analysis.
b.	Classify acid base titrations. Give example of strong acid and strong base titration.
c.	Write various sources of errors.

SECTION C

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

a.	Write the methods of minimizing errors.
b.	Describe the source of impurities in medicinal agents.
c.	Describe Mohr's method.
d.	Describe masking and damasking reagents in complexometric titration.
e.	Write the principle and example of redox titration.
f.	Write the methods to determine end point of potentiometric titration.
g.	Write the construction and working of reference (Standard hydrogen) electrode.

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