PAPER ID-310961

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

B PHARM
(SEM I) THEORY EXAMINATION 2020-21
PHARMACEUTICAL ANALYSIS-I

Time: 3 Hours ***Total 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 and molarity.
b.	Calculate Normality for 100 gm per 500 ml NaOH solution.
c.	Differentiate between acid and base.
d.	What is universal indicator? Give example.
e.	What is Non aqueous titration?
f.	Give principle of Mohr method.
g.	What is modified Volhard method? Give example.
h.	Give one example of oxidizing and reducing agents.
i.	Define Iodimetry and Iodometry.
j.	Give Ilkovic action.

SECTION B

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

a.	Discuss the method of expressing concentration in detail.
b.	What is acid base indicator? Explain the theory of indicator.
c.	Write a note on Mohr and Volhard method in detail.

SECTION C

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

a.	Describe the concept of oxidation and reduction.
b.	Write a note on alkalimetry and acidimetry.
c.	Describe the types of Non aqueous solvent.
d.	Explain the types of conductometric titration in detail.
e.	How co-precipitation different from post precipitation?
f.	What is error? Discuss its types.
g.	Explain the mechanism of dropping mercury electrode (DME).

AKTU_QP20E290QP | 12-Mar-2021 09:11:33 | 117.55.242.131

AKTU_QP20E290QP | 12-Mar-2021 09:11:33 | 117.55.242.131