

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
PARUL INSTITUTE OF PHARMACY
B.PHARM FIRST SEMESTER

SECOND INTERNAL EXAMINATION :2020-21

Subject Name: Pharmaceutical Analysis

Subject Code: BP102T

Time: 01:15 pm to 02:30 pm

Date: 13/02/2021

Total Marks: 30

Instructions:

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

- Q.1** Multiple choice questions 10
- Q.2** Long Answers: (Any One)
- (1) Consider the titration of 1N HCl vs 1N NaOH. The volume of analyte solution (1N HCl) is 100ml. Calculate the pH value of the final solution after addition of 0ml, 7ml, 96ml, 107ml and 112 ml of the Titrant (1N NaOH). 10
- (2) What different types of electrodes are used in Potentiometry? Explain Any two with construction and working. 10
- Q.3** Short answers (Any two)
- (1) Write difference between Volhard's method and Modified Volhard's method detail concept. 05
- (2) Write a note of Diazotization type of titration 05
- (3) Explain Indicators used in Redox titration. 05

*****All the best*****