

Roll No.: _____

Enrollment No. _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
B.PHARM SIXTHSEMESTER
FIRST INTERNAL THEORY EXAMINATION: 2021-22

Subject Name: Pharmaceutical Analysis

Subject Code: BP102T

Time: 10.00 AM

Date: 07/12/2021

Total Marks: 30

Instructions:

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

Q.2 Long Answers: (Any One)	
1)	Explain Errors in Pharmaceutical analysis in detail and Discuss about Accuracy and Precision. 10
2)	Define Pharmaceutical Analysis, Types of analysis and Different techniques of pharmaceutical Analysis. 10
Q.3 Short Answers: (Any Two)	
1)	How 0.1 M HCL is prepared and standardized? 05
2)	What are Primary and secondary standard? Enlist the ideal properties of primary standard. 05
3)	Define Non-Aqueous titration. Explain different type of solvent use in Non-Aqueous titration. 05

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Q.1 Multiple Choice Questions:		
(1) may be defined as an essential or distinctive characteristic, property or attribute. (a) Purity (b) Quantity (c) Quality (d) None of these	01
(2)	Which is widely used quantitative analytical method. (a) Non aqueous titration (b) Aqueous titration (c) Complexometric titration (d) Volumetric Analysis	01
(3)	How much amount of NaOH should take for preparation of 1N according to IP-2018? (a) 35 (b) 40 (c) 42 (d) none of the above	01
(4)	PPM means..... (a) Parts per billion (b) Parts per million (c) Parts per trillion (d) none	01
(5)	Molecular weight of Oxalic acid is. (a) 63 (b) 126 (c) 128 (d) 65	01
(6)	Which is the First edition of Indian Pharmacopoeia? (a) 1966 (b) 1985 (c) 2005 (d) 2010	01
(7)	Give the example of aprotic solvent. (a) Hexane (b) HCl (c) 1-Butanamine (d) None of these	01
(8)	Protogenic solvent is _____ in nature. (a) Acidic (b) Neutral (c) Basic (d) None of these	01
(9)	Non-Aqueous titration are based on: (a) Arrhenius theory (b) Lewis theory (c) Bronsted-Lowry theory (d) None of these	01
(10)	Which primary standard used for standardization of NaOH? (a) Na_2CO_3 (b) KHP (c) Oxalic acid (d) HCL	01