

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
B.PHARM FIRST SEMESTER

FIRST INTERNAL THEORY EXAMINATION: 2018-19

Subject Name: Pharmaceutical Analysis I

Subject Code: BP102T

Time: 10:00 am to 11.30 am

Date: 28/09/2018

Total Marks: 30

Instructions:

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

Q.1 Multiple Choice Questions:

- (1) Systemic error also known as **01**
(a) Random error (b) Personal error (c) Determinate error (d) None
- (2) PHP used as a primary standard for **01**
(a) Sodium Carbonate (b) Sodium Hydroxide (c) Hydrochloric Acid (d) None
- (3) Accuracy expressed as **01**
(a) SD (b) RSD (c) % (d) None
- (4) Complete the reaction - $\text{AgNO}_3 + \text{NaCl} \longrightarrow ?$ **01**
(a) $\text{AgCl} + \text{NaNO}_3$ (b) $\text{AgCl} + \text{NaNO}_2$ (c) $\text{AgCl} + \text{NaNO}$ (d) $\text{AgNO}_3 + \text{NaCl}$
- (5) Define Following Term
- (1) Accuracy **02**
(2) Precision **02**
(3) Normality **02**

Q.2 Long Answers: (Any One)

- (1) Explain different techniques of analysis. **10**
(2) Describe theory of acid base indicator. **10**

Q.3 Short Answers: (Any Two)

- (1) Define Errors. Explain Minimization of Errors. **05**
(2) Write a Short Note on Mohr's Method. **05**
(3) Define Standardization. Explain Primary and Secondary Standards. **05**
