

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY

PARUL INSTITUTE OF PHARMACY

PHARM.D. 1st YEAR · FIRST INTERNAL EXAMINATION: 2018-19

Subject Name: Pharmaceutical Inorganic Chemistry

Subject Code: 08207105

Time: 10:00-11:30 am

Date: 09/10/2018

Total Marks: 30

Instructions:

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

I Long Essay (Answer Any One) 10X 1 = 10M

1. Write source of impurities and explain gutzeit test with diagram.
2. Write Tests of Purity and limit test of Iron.

II Short Essay (Answer Any Two) 5 X 2 = 10M

1. Write a note on physiological acid base balance.
2. Write a note on Iodine Titration.
3. Write a note on Theory of acid-base indicator.

III Short Answers (Answer All) 2 X 5 = 10M

1. Derive Henderson-Hasselbach equation for pH.
2. Classify the errors.
3. Write a note on Monograph.
4. Application of Potassium permanganate (KMnO_4) titration.
5. Define following terms:

(a) Limit tests

(b) Errors

(c) Precision

(d) Accuracy

***** BEST OF LUCK *****