

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY

PARUL INSTITUTE OF PHARMACY

B.PHARM FIFTH SEMESTER · INTERNAL EXAMINATION: 2018-19

Subject Name: Biochemistry-I

Subject Code: 08101302

Time: 10:00 am to 11:30 am

Date: 25/9/2018

Total Marks: 25

Instructions:

1. Question 1 is compulsory
2. Attempt any 2 questions from Q.2 to Q.4
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

- Q.1 (a) Write difference between Eukaryotic and Prokaryotic cell. 04
- (b) Classify Carbohydrate in detail. 03
- (c) Enlist Colour reaction of protein. 02
- Q.2 (a) Write a note on Enzyme Inhibition. 03
- (b) What is ADP-ATP Cycle. 03
- (c) Discuss Catabolism 02
- Q.3 (a) Write in detail about Chemical Properties of Lipids 05
- (b) Discribe in Brief about Factor affecting enzyme activity. 03
- Q.4 (a) What is Nucleotide? Discuss Structure of DNA 05
- (b) What is Bioenergetics? Discuss Standard free energy. 03
