

Roll No.: \_\_\_\_\_

Enrollment No. \_\_\_\_\_

PARUL UNIVERSITY

PARUL INSTITUTE OF PHARMACY

M.PHARM FIRST SEMESTER – FIRST INTERNAL EXAMINATION: 2018-19

Subject Name: Advanced Medicinal Chemistry

Subject Code: MPC103T

Time: 10:00 am to 11:30 am

Date: 19/09/2018

Total Marks: 30

**Instructions:**

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

**Q.1** Long Answers: (Any One)

- (1) Define bioisosteres and classify them with examples. Discuss the various bioisosteric replacement strategies applied for drug discovery. **10**
- (2) Write in detail about the site specific drug delivery. **10**

**Q.2** Short Answers: (Any Four)

- (1) Write a note on drug-receptor interactions. **05**
- (2) Discuss in brief about artificial enzymes. **05**
- (3) Discuss about enzyme inhibitors in medicine. **05**
- (4) Write a concise note on carrier linked prodrugs. **05**
- (5) Discuss briefly about various types of enzyme inhibition processes. **05**

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