

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE –  
RAIGAD -402 103  
First Sessional Examination – October - 2017**

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**Branch: M. Pharmacy ( Pharma. Chemistry)**

**Sem.:- I**

**Subject with Subject Code:- Advanced Medicinal Chemistry MPC 103T**

**Marks: 30**

**Date:- 11/10/2017 11:00 TO 12:30**

**Time:- 1.30 Hr.**

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**Answer Key**

**Que. No. 1 Write any five of following (Each having 2 marks) (5 X 2 = 10)**

**Que. No. 2 Attempt any two of the following (2 X 5 = 10)**

1. Note on Prodrug Design (3 marks) and its applications (2 marks)
2. Application of prodrug in site specific drug delivery with suitable example (5 marks)
3. Chemistry of prostaglandins (5 Marks)

**Que. No. 3 Attempt any one of the following: (1 X 10 =10)**

1. Process of drug development (5 marks). Steps involved in drug designing (5 marks).
2. Causes of drug resistance (4 marks). Explain various strategies to combat drug resistance in antibiotics (6 marks).