

Code: R7422305

R7

B.Tech IV Year II Semester (R07) Supplementary Examinations March/April 2013

BIOPHARMACEUTICAL TECHNOLOGY
(Biotechnology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 Discuss about the history of pharmaceutical drugs.
- 2 What is pharmacodynamics? Explain the mechanism of drug action.
- 3 Write notes on:
 - (a) Biotransformation of drugs.
 - (b) Drug absorption.
- 4 Discuss about good manufacturing practices.
- 5 Write an account of production and analysis of biopharmaceuticals.
- 6 Write an account of production of therapeutic proteins.
- 7 Write in detail the applications of biopharmaceuticals for human health.
- 8 Write notes on:
 - (a) Controlled and sustained delivery of drugs.
 - (b) Liposome mediated drug delivery.
