

R09**Code: 9A23503**

B.Tech III Year I Semester (R09) Supplementary Examinations December 2015

BASIC INDUSTRIAL & ENVIRONMENTAL BIOTECHNOLOGY
(Biotechnology)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 Define primary metabolites. Describe the production of Glutamic acid.
- 2 Write the process of amino-glycosides production.
- 3 Explain the method of commercially important cellulase enzyme.
- 4 Discuss the steps involved in production of recombinant interleukin protein.
- 5 Write about different types of Natural Bio-preservatives.
- 6 Explain the mechanism of waste water treatment.
- 7 Describe the Bio-augmentation.
- 8 Discuss about biological detoxification of hazardous waste management with examples.
