

Code No: R5102304

R5

B.Tech I Year(R05) Supplementary Examinations, December 2010
FUNDAMENTALS OF BIOLOGY
(Bio-Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Write a short note on biodiversity. [16]
2. What is meant by “phytohormones”? Explain using examples. [16]
3. Discuss Protozoan parasites taking any example. [16]
4. Briefly discuss the experiments, which prove that DNA is the genetic material. [16]
5. Explain the functions of pituitary and thyroid hormones. [16]
6. Give a detailed account of the structure of the human eye and explain the photo chemistry of the vision. [16]
7. Discuss the development of biotechnology in the field of medicine with special reference to new drugs development. [16]
8. Explain the transgenic technology in plants. Discuss the applications of transgenic plants. [16]

