

Code :R7102304

B.Tech I Year (R07) Supplementary Examinations, May 2011
FUNDAMENTALS OF BIOLOGY
(Biotechnology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. Can you explain why some protozoans are harmful to humans?
2. What are permanent tissues? Explain with suitable diagram.
3. Write the salient features of the class reptilia.
4. Explain the mechanisms of replication of DNA viruses.
5. Explain the events in mitosis with neat diagrams.
6. Discuss on the transmission of smell signals into the central nervous system.
7. Enumerate on the main parts of the aerobic respiration pathway. Which of these three parts yields the most ATP?
8. What are biopesticides? Enumerate on the different classes of biopesticides. Enumerate on the advantages of using biopesticides.

