

B.Tech Year(RR) Supplementary Examinations, May 2010
FUNDAMENTALS OF BIOLOGY
(Bio-Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Discuss the reproductive features of pteridophytes and its life cycle. [16]
2. Explain briefly the technique of micro propagation of plants. [16]
3. Describe the adaptations of animals to aquatic life. [16]
4. Write an essay on aquaculture. [16]
5. Explain the ELISA technique for detection of antibodies produced by experimental immunization. [16]
6. Define transgenic animal Explain the most practiced methods for producing transgenic animals. [16]
7. Give a detailed account of classification of micro organisms with examples. [16]
8. Give a detailed account on microbial production of plastics. [16]

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