

Code: R7422302

**R7**

**B.Tech IV Year II Semester (R07) Advanced Supplementary Examinations June 2012**

**FOOD SCIENCE AND TECHNOLOGY**

**(Biotechnology)**

Time: 3 hours

Max Marks: 80

Answer any FIVE questions

All questions carry equal marks

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- 1 Give an account on:
  - (a) Aims of food science and technology.
  - (b) Food as source of energy.
- 2 Write an account on effects processing on functional properties and nutritive value of foods.
- 3 Explain about the:
  - (a) Microbial associations with food.
  - (b) Food poisoning.
- 4 Write a note on bioprocessing of vegetables and dairy products.
- 5 Explain:
  - (a) Role of starters in food
  - (b) Non beverage plant products.
- 6 Explain natural sweeteners and artificial sweeteners.
- 7 Write about the materials and containers used in food packing.
- 8 Describe various food regulations, grade and standards.

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