

**Mid Term Exam**  
**M.E (Food Technology) 1st Semester**  
**Biochemical Engineering**

**Time Allowed : 1 Hour**

**Maximum Marks : 25**

- 1. Discuss about the design of fermenters? (5)**
- 2. What is downstream processing and explain the different stages of downstream processing? (10)**
- 3. Write short notes on :**
  - a) Lactic acid fermentation (5)**
  - b) Primary and secondary metabolites (5)**