

**Exam. Code : 107406**  
**Subject Code : 1788**

**B.Sc. (Bio Technology) 6<sup>th</sup> Semester**  
**BIOPROCESS ENGINEERING—B**

**Paper : BT-5**

Time Allowed—2 Hours] [Maximum Marks—40

**Note :—** There are *eight* questions of equal marks.  
Candidates are required to attempt any  
*four* questions.

1. Discuss the batch bioreactor.
2. Discuss the CSTBR.
3. Discuss the pH probe.
4. Discuss the agitation system in bioreactor.
5. Discuss the product recovery by filtration.
6. Discuss the aqueous two phase extraction system.
7. Discuss the aerobic slug treatment.
8. Discuss the fermentation economics.

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