

**BSc II YEAR III – SEMESTER****Enzyme Technology (SEC)****QUESTION BANK****Unit-I****Essay Answer Type**

1. Explain the process of enzyme production for industrial use.
2. Write about applications of enzymes in food & beverage industry.
3. Describe the methods of enzyme immobilization.
4. Explain application of enzymes in detergents & leather industry.
5. Write briefly about applications of immobilized enzymes.

**Short answer type**

1. Applications of enzymes in production of organic chemicals
2. Advantages of immobilized enzymes
3. Entrapment method
4. Explain the process of enzyme purification
5. Write about the process of isolation of enzymes
6. Enzymes used in beverage industry

**Unit-2****Essay Answer Type**

1. Explain different enzymes for clinical diagnosis of liver disease
2. Write about phenylketonuria & Galactosemia
3. What is pancreatitis? How it can be diagnosed?
4. How heart diseases are diagnosed by enzyme activity?
5. How blood glucose levels can be determined?
6. How cholesterol can be determined by enzymatic methods?
7. Explain about the uses of enzyme in treatment of genetic deficiency diseases

### Short answer type

1. How skeletal muscle disorders can be identified?
2. Write about enzymes used in uric acid determination.
3. Explain about therapeutic uses of enzymes in cancer
4. Write about Hunters disease & Pompe disease
5. Explain about Gauchers & Fabry disease
6. How marteoux & morquio A syndrome identified?
7. Write about LAL deficiency.

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