

Code No. 7079

FACULTY OF SCIENCE

B.Sc. (CBCS) III – Semester Examination, December 2017

Subject : BIO-TECHNOLOGY

**Paper – III (SEC-I)
Enzyme Technology**

Time : 1 ½ hours

Max. Marks : 40

Answer all questions from Part-A and Part-B.

Part – A (2 X 5 = 10 Marks)
(Short Answer Type)

a) Sources of production of industrial enzymes.

OR

b) Enzymes used in detergent industry

a) What is Pancreatitis?

OR

b) Enzymatic determination of Blood glucose and uric acid

Part – B (2 X 15 = 30 Marks)
(Essay Answer Type)

a) Give a short note on isolated enzymes. Describe the applications of isolated enzymes in food and beverage industry.

OR

b) What are immobilized enzymes? Describe different methods of enzyme immobilization and advantages.

a) Discuss in detail determination of enzymatic activity for clinical diagnosis of heart diseases.

OR

b) Describe the clinical diagnosis and therapy for phenylketonuria.
