

**C 30380**

Name.....

Reg. No.....

**FIFTH SEMESTER B.A./B.Sc./B.Com./B.B.A. DEGREE EXAMINATION  
NOVEMBER 2017**

(CUCBCSS—UG)

Open Course

**BTY 5D 01—INTRODUCTION TO BIOTECHNOLOGY**

Time : Two Hours

Maximum : 40 Marks

**Section A**

*Answer any **one** out of two questions in about 1500 words.  
Each question carries 10 marks.*

1. Explain fermentation? Add an account on the production of fermented food products.
2. Write an essay on applications of Biotechnology in medicine.

(1 × 10 = 10 marks)

**Section B**

*Answer any **four** out of eight questions in about 750 words.  
Each question carries 5 marks.*

3. Differentiate conventional and modern Biotechnology with suitable examples.
4. Explain the modern methodology for resolving the paternity dispute.
5. What are biopesticides ? Discuss the advantages and disadvantages of biopesticides.
6. Give an account on GM crops.
7. Give an account on biofertilizers.
8. Discuss the role of Biotechnology in the production of high value food products.
9. Give an account on the major tools used in Biotechnology.
10. Give an account on the preparation and uses of butter milk and cheese.

(4 × 5 = 20 marks)

**Section C**

*Answer **all** questions in about 200 words.  
Each question carries 2 marks.*

11. Write a short account on Bt brinjal.
12. What is Vinegar ?
13. What is Gene therapy ?
14. What is Cloning in Biotechnology ?
15. What is single cell protein ?

(5 × 2 = 10 marks)

