

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 09

**B.Sc.(BT) (2018 & Onwards) (Sem.-1)**  
**INTRODUCTION TO BIOTECHNOLOGY**  
**Subject Code : BSBT-102-18**  
**M.Code : 75325**

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

**SECTION-A****1. Define :**

- a. Define the term Biotechnology.
- b. What do you mean by GM food?
- c. Write branches of Biotechnology.
- d. What is meant by Pharmaceutical Biotechnology?
- e. Write the source of penicillin.
- f. What do you mean by beverages?
- g. Name the fungal resistant crop produced through biotechnology.
- h. Explain in brief L-Asparaginase.
- i. Write two important yeast based products.
- j. Explain in few lines biotech as success story.

### SECTION-B

2. Give a brief account on Traditional and Modern Biotechnology.
3. Write a detailed note on Environmental Biotechnology.
4. Discuss in detail GM Papaya.
5. Give detailed account on BT Brinjal.
6. Write a note on pre-processed food.

### SECTION-C

7. Give a detailed account on production of acetic acid .
8. Describe role of biotechnology in enhancement of food quality.
9. Give a detailed account on the overview of biotechnology research in India.

**NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.**