

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(BT) (2018 Batch) (Sem.-1)
INTRODUCTION TO BIOTECHNOLOGY
Subject Code : BSBT-102-18
Paper ID : [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**Q1. Define :**

- a) Marine Biotechnology.
- b) Traditional Biotechnology.
- c) Preprocessed food.
- d) Biopharmaceuticals.
- e) Biofertilizer.
- f) Public sector.
- g) Genetic Engineering.
- h) Biopesticides.
- i) Upstream Processing.
- j) Fermenters.

SECTION-B

- Q2. Write a note on Biotech Success stories in India.
- Q3. Write about Environmental Biotechnology and its scope.
- Q4. Write a note on 'GM Foods'.
- Q5. List applications of Biotechnology in Agriculture.
- Q6. Discuss Role of Fermentation in Acetic acid production.

SECTION-C

- Q7. Discuss Applications of Biotechnology in Food Processing and Product development.
- Q8. Elaborate on industrial Production of Antibiotics and enzymes.
- Q9. Discuss Development, Advantages and Limitations of Fungal and Insect resistance plants.