Roll No.							Total No. of Pages: 0
							1000110101109011

Total No. of Questions: 09

B.Sc.(BT) (2013 to 2017) (Sem.-1)
BASICS OF BIOSCIENCES

Subject Code: BSBTB-109 M.Code: 47029

Time: 3 Hrs. Max. Marks: 30

INSTRUCTION TO CANDIDATES:

- 1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
- 2. SECTION-B contains FIVE questions carrying $2^{1}/_{2}$ (Two and Half) marks each and students has to attempt any FOUR questions.
- 3. SECTION-C contains THREE questions carrying FIVE marks each and students has to attempt any TWO questions.

SECTION-A

1. Answer briefly:

- a) Define Cell theory.
- b) Any 4 characteristics of Kingdom Animalia.
- c) What are the three Domains of Life?
- d) Unique property of Nervous tissue.
- e) Define a Nucleotide.
- f) Define Aestivation.
- g) Xylem and Phloem.
- h) Cell Cycle.
- i) Ribosomes.
- j) What are the different types of RNA found in cell?

1 | M-47029 (S2)-2268

SECTION-B

- 2. Describe the 5 kingdom Classification system.
- 3. Describe the structure of DNA briefly.
- 4. Draw a well labeled diagram of an Animal Cell.
- 5. Discuss briefly the various types of Animal Tissues.
- 6. Describe the different types of Meristems.

SECTION-C

- 7. Describe the structure and functions of Endoplasmic reticulum.
- 8. Describe the various levels of Protein Structure.
- 9. Describe Mitosis with the help of labelled diagrams.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

2 | M-47029 (S2)-2268