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Total No. of Questions: 09

B.Sc.(MLS) (2014 to 2017) (Sem.-1) **ESSENTIAL BIOLOGY** 

> Subject Code: BMLS-101 M.Code: 48046

Time: 3 Hrs. Max. Marks: 60

# **INSTRUCTION TO CANDIDATES:**

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

## **SECTION-A**

# MN First Ranker com 1. Write short notes on following:

- A) Biology
- B) Ecosystem
- C) Carbohydrates
- D) Eukaryotic cell
- E) Nervous tissue
- F) Lithosphere
- G) Reproduction
- H) Exocytosis
- I) Food chain
- J) Replication



## **SECTION-B**

- 2. Describe the structure and functions of epithelial tissue.
- 3. Write a note on cell division.
- 4. Describe the general characteristics of helminthes.
- 5. Explain the Mendel's law of inheritance.
- 6. Write a note on five kingdom system.

## **SECTION-C**

- 7. Discuss various carrier opportunities in the stream of Medical Laboratory Technology.
- 8. Discuss the comparison between genes and chromosomes.
- 9. What are amino acids? Describe the mechanism of protein synthesis.

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.

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