

Roll No. Total No. of Pages: 02

Total No. of Questions: 09

B.Sc.(MLS) (2018 Batch) (Sem.-1) GENERAL MICROBIOLOGY Subject Code: BMLS-102-18

Paper ID: [75259]

Max. Marks: 60 Time: 3 Hrs.

INSTRUCTIONS 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

01 **Answer briefly:**

- c) Write short notes on Anaerobic jar.
 d) What is TEM?
- e) What is a good disinfectant?
- f) Define antiseptics
- g) Why segregation is important for biomedical waste?
- h) Mention two contributions of Louis Pasteur.
- i) Name four methods for disposal of biomedical waste.
- i) What is an anaerobic medium?



SECTION-B

- Q2 Write a short note on hazardous waste.
- Q3 Draw a neat label diagram of a typical bacterial cell.
- Q4 Explain the method of preparation & storage of culture media.
- Q5 What are the factors affecting the growth of bacteria?
- Q6 Describe different chemical methods of Sterilization.

SECTION-C

- Q7 Explain image formation in compound microscope with the help of suitable diagram.
- Q8 Classify different type of Sterilization process. Write in details about moist heat Sterilization.
- Q9 Define culture media. Discuss different types of media used for the cultivation of bacteria.

2 | M-75259 (S2)-795