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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (2018 & Onwards) (Sem.-1)

GENERAL MICROBIOLOGY

Subject Code : BMLS-102-18

M.Code : 75259

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. Answer briefly :**

- A) Define pure culture.
- B) What is germicide?
- C) What is bacterial cultivation?
- D) What is Pour plate technique?
- E) Mention two contributions of Louis Pasteur.
- F) Define prokaryotes.
- G) Define disinfection.
- H) Define resolution.
- I) What is enrichment media?
- J) What is BACTEC system?

SECTION-B

2. Write short notes on Anaerobic jar.
3. Write the difference between Light and Electron Microscopy.
4. Draw picture of bacterial cell and label the parts.
5. Differentiate between Enriched and Enrichment media.
6. Enlist the qualities of a good disinfection.

SECTION-C

7. Classify different type of Sterilization. Write in details about moist heat Sterilization.
8. What is bacterial growth curve? Enumerate and explain different phases of a bacterial growth curve.
9. List out the safety and preventive measures to be observed in a laboratory.

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.