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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (MLS) (Sem.-3)
APPLIED BACTERIOLOGY

Subject Code : BMLS307-18

M.Code : 93330

Date of Examination : 18-01-2023

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) What is Inoculum?
- b) What is Stock Culture?
- c) Define Preservation.
- d) What is Resazurin Test?
- e) Define Antitoxins
- f) Nosocomial Infection
- g) Standard Plate Count
- h) pH of a solution
- i) Define MIC.
- j) What is sterility testing?

SECTION-B

2. List the major causes of food infections and infestations.
3. Why do we need to preserve microbes?
4. Describe Stoke's method of antibiotic sensitivity testing.
5. Describe the laboratory diagnosis of respiratory tract infections.
6. Explain the processing of milk samples for bacterial disease diagnosis.

SECTION-C

7. Write a brief note on bacteriological examination of air.
8. Describe the collection and processing of pus samples for antibiotic susceptibility testing.
9. What is lyophilisation? Briefly explain the different methods to preserve microbes.

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.