

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (MLS) (2018 Batch) (Sem.-3)

APPLIED BACTERIOLOGY

Subject Code : BMLS-307-18

M.Code : 76636

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

Answer briefly :

1. pH of a solution
2. Antitoxins
3. Tyndallization
4. Endotoxin
5. Primary Health Care
6. Nosocomial Infection
7. Bacteriological examination of water
8. B-lactamase
9. Standard Plate Count
10. Catalase

SECTION-B

11. List the major causes of food infections and infestations.
12. What is the need for milk preservation?
13. Describe Stoke's method of antibiotic sensitivity testing.
14. Describe the laboratory diagnosis of gastro intestinal infections.
15. Briefly discuss the process of lyophilization.

SECTION-C

16. Describe the collection, transportation and processing of urine samples for antibiotic susceptibility testing.
17. What is the role of microbiology laboratory to control nosocomial infections?
18. Describe various techniques of immuno-diffusion and its applications in diagnostic microbiology.

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.