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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 : 76636

Date of Examination : 27-05-2023

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 are antibiotics?
- b) Define coliforms.
- c) Define Enriched medium.
- d) What is lyophilization?
- e) What is normal flora?
- f) Define Pasteurisation.
- g) Write a short note on peptone water.
- h) Bacteriological examination of water.
- i) Define Tyndallization.
- j) Define Primary Health Care.

SECTION-B

2. Describe the laboratory diagnosis of gastro intestinal infections.
3. Write briefly about the concepts of filtration.
4. Describe Kirby-Bauer method of antibiotic sensitivity testing.
5. Explain the various types of air sampling instruments.
6. List the major causes of water infections.

SECTION-C

7. Describe the collection, transportation and processing of urine samples for antibiotic susceptibility testing.
8. Describe the various techniques of immuno-diffusion and its applications in diagnostic microbiology.
9. Discuss the health hazards associated with hospital occupation.

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.