

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

B.Sc. (Cardiac Care Technology)

(Sem.-3)

APPLIED MICROBIOLOGY

Subject Code : BCCT-302-21

M.Code : 92688

Date of Examination: 14-12-2022

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **EIGHT** questions carrying **TWO** marks each.
2. **SECTION-B** contains **EIGHT** questions carrying **FOUR** marks each and students have to attempt any **SIX** questions.
3. **SECTION-C** will comprise of two compulsory questions with internal choice in both these questions. Each question carries **TEN** marks.

SECTION-A

1. Write a brief note on the following:
 - a) Sterilizers
 - b) Principle of Disinfection
 - c) Gram negative bacteria
 - d) Occupationally acquired infections
 - e) Inpatient unit
 - f) MRSA
 - g) Urinary tract infections
 - h) Infection.

SECTION-B

2. Explain the different types of sterilization agents used.
3. Discuss the importance of sterilization.
4. Discuss Disinfection of Patient care unit.

5. Write a brief note on Drug resistant bacteria.
6. Write a short note on Tuberculosis diseases.
7. Write a brief note on Disinfection.
8. Explain antibiotic associated diarrhoea.
9. Discuss the criteria for defining surgical site infection.

SECTION-C

10. Write a brief note on occupationally acquired infections and its preventions.

OR

Elaborate health care associated infections.

11. Discuss Drug resistant Bacteria with examples.

OR

Mention the disinfection of instrument used in ICUs in patient care and various infection control measures in ICUs.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.