



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
FIRST YEAR SECOND SEMESTER EXAMINATION IN BScHons (MLS)- 2020

MLSGM 1253 GENERAL MICROBIOLOGY

PAPER II

Date: 02.09.2022

Time: 1 hour

ANSWER ALL FOUR QUESTIONS.

1.

- 1.1 Name five culture media used in a microbiology laboratory. (20 Marks)
- 1.2 Write the uses of each culture media you mentioned in 1.1. (30Marks)
- 1.3 List five virulent factors present in a bacterial cell. (20 Marks)
- 1.4 Write notes on exotoxins (30 Marks)

2.

- 2.1 List three mechanisms of action of antibiotics on a bacterial cell. (15 Marks)
- 2.2 Give two examples for each action you mentioned in 2.1. (15 Marks)
- 2.3 Briefly describe two different disc diffusion methods used in antibiotic susceptibility test. (70 Marks)

3.

- 3.1 List the three mechanisms by which genetic information is transferred from one bacteria to another. (30 Marks)
- 3.2 Briefly describe the mechanisms you mentioned in 3.1. (70 Marks)

4. Write notes on the following

- 4.1 Superficial fungal infections (50 Marks)
- 4.2 Chemical disinfectants (50 Marks)