



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
FIRST YEAR SECOND SEMESTER EXAMINATION IN BScHons (MLS)- 2021

MLSGM 1253 GENERAL MICROBIOLOGY
PAPER II

Date: 12.06.2023

Time: 1 hour

ANSWER ALL FOUR QUESTIONS.

1.

- 1.1 Name two liquid culture media and two solid culture media used in a microbiology laboratory (20 Marks)
- 1.2 Write one use of each culture media you mentioned in 1.1. (20 Marks)
- 1.3
- 1.3.1 Name two disc diffusion methods used in antibiotic susceptibility test. (10 Marks)
- 1.3.2 Briefly describe the disc diffusion methods you mentioned in 1.3.1. (50 Marks)

2.

- 2.1 Name three gram positive and three gram negative bacterial pathogens. (20 Marks)
- 2.2 Briefly describe the modes of transmission for each of the bacteria mentioned in 2.1 (30 Marks)
- 2.3
- 2.3.1 Name four viral pathogens and mention the diseases caused by each virus. (20 Marks)
- 2.3.2 Write notes on chemical composition of viruses. (30 Marks)

3.

- 3.1 Name two heat sterilization methods. (10 Marks)
- 3.2 Briefly describe the sterilization methods you mentioned in 3.1. (60 Marks)
- 3.3 Write briefly on chemical disinfectants. (30 Marks)

4. Write notes on the following

- 4.1 Superficial fungal infections (50 Marks)
- 4.2 Structure of a bacterial cell (50 Marks)