



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
THIRD YEAR SECOND SEMESTER EXAMINATION IN BSc HONS (MLS)- 2021
MLSMV 3225 MEDICAL MYCOLOGY AND VIROLOGY
PAPER II

Date: 18.10.2023

Time: 2 hours

ANSWER ALL FOUR QUESTIONS.

1.
 - 1.1 Name three superficial mycotic infections in human. (10 marks)
 - 1.2 Name the causative fungal pathogens of each of the infections mentioned in 1.1. (20 marks)
 - 1.3 Briefly describe the mode of transmission of each of the infection mentioned in 1.1. (20 marks)
 - 1.4 Mention the specimens you would obtain to identify the pathogens mentioned in 1.2. (10 marks)
 - 1.5 Briefly describe how would you identify the pathogens mentioned in 1.2 in a mycology laboratory. (40 marks)

2.
 - 2.1 Name four culture media used in a mycology laboratory to identify fungal pathogens. (10 marks)
 - 2.2 Briefly describe the uses of each culture media mentioned in 2.1. (30 marks)
 - 2.3 Briefly describe the disadvantages of performing fungal cultures in Petri dish. (20 marks)

 - 2.4.1 Describe the slide culture technique used in the identification of fungus. (40 marks)

3.
 - 3.1 Name two ARBO viral infections other than dengue which are prevalent in Sri Lanka. (10 Marks)
 - 3.2 Describe the laboratory tests to confirm the diagnosis of dengue fever. (50 Marks)
 - 3.3. Describe on the preventive measures of dengue fever in Sri Lanka. (40 Marks)

4. Describe the mode of transmission, laboratory diagnosis and preventive measures of the following infections.
 - 4.1 Rabies (30Marks)
 - 4.2 Polio (30Marks)
 - 4.3 Hepatitis B (40Marks)