UNIVERSITY OF JAFFNA, SRI LANKA BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES THIRD YEAR FIRST SEMESTER EXAMINATION-JULY 2013

MLSMV 3101 MEDICAL MYCOLOGY & VIROLOGY PAPER II

Date: 31.07.2013 Time: 2 Hours ANSWER ALL EIGHT QUESTIONS 1.1.List the subcutaneous mycotic infections and the etiological agents involved (20 marks) 1.2. Briefly describe the laboratory tests used to identify the infections you mentioned in 1.1 (50 marks) 1.3. Write notes on fungal culture media (30 marks) 2.1. Name five dermatophytes and the clinical conditions caused by them (30 marks) 2.2.Describe the sample collection methods and the laboratory tests used toidentify the conditions mentioned in 2.1 (40 marks) 2.3. Write notes on antifungal agents (30 marks) 3. Write notes on the following 3.1. Special stains used to identify fungi (50 marks) 3.2. Histoplasmosis (50 marks) 4. 4.1. Name four filamentous fungi which cause opportunistic infections (10 marks) 4.2. Describe the laboratory tests used to identify each of the fungi you mentioned in 4.1 (50 marks)

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4.3. Write note on candidiasis

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