

800/41/2011/11

UNIVERSITY OF JAFFNA, SRI LANKA
SECOND EXAMINATION FOR MEDICAL DEGREES Part I–January 2011
MICROBIOLOGY Paper II

Date: 03.01.2011.

Time: 02 hours

ANSWER ALL THE **FOUR** QUESTIONS

1. Explain, giving reasons, the principles of management of infections in the following clinical situations
 - 1.1. To a health care worker through needle stick injury from a patient (35 Marks)
 - 1.2. Rabid dog bite (30Marks)
 - 1.3. A pregnant doctor who examined a patient suspected to have rubella (35 Marks)

2.
 - 2.1. List five microorganisms that cause community acquired pneumonia (20 Marks)
 - 2.2. Describe the defense mechanisms that prevent infection in the respiratory tract (35Marks)
 - 2.3. How would you collect and transport specimen/s for microbiological investigations from a patient with acute pneumonia (35 Marks)

3. Write notes on
 - 3.1. Contact dermatitis (35Marks)
 - 3.2. Histoplasmosis (35Marks)
 - 3.3. Traveler’s diarrhea (30Marks)

4. “Prevention is better than cure” Discuss this statement in relation to the following:
 - 4.1. Dengue haemorrhagic fever (25Marks)
 - 4.2. Leptospirosis (25Marks)
 - 4.3. Measles (25Marks)
 - 4.4. Rheumatic fever (25 Marks)