

**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 specimenis 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)**