

UNIVERSITY OF JAFFNA, SRI LANKA
SECOND EXAMINATION FOR MEDICAL DEGREES (2nd)—July- 2012
MICROBIOLOGY Paper II

Date: 16.07.2012

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1. **Write a brief account of Rabies with regard to the following**
 - 1.1. **pathogenesis** (40 Marks)
 - 1.2. **diagnosis** (20 Marks)
 - 1.3. **management from the time of dog bite** (20Marks)
 - 1.4. **prevention** (20Marks)

2. **Explain the pathogenesis of the following infective diseases:**
 - 2.1. **Leptospirosis** (35 Marks)
 - 2.2. **Aspergillosis** (30Marks)
 - 2.3. **Peptic ulcer disease** (35 Marks)

3. **Write notes on the following**
 - 3.1. **Arthur reaction** (25 Marks)
 - 3.2. ***Candida albicans*** (25Marks)
 - 3.3. **Infectious mononucleosis** (25 Marks)
 - 3 A **Killed vaccine** (25 Marks)

4.
 - 4.1. **List 5 bacterial species which cause diarrhoea) diseases in human beings** (20Marks)
 - 4.2. **Describe the mechanisms by which bacteria cause diarrhoea** (50Marks)
 - 4.1 **How would you collect and transport specimen for microbiological investigations from a patient with diarrhoea** (30Marks)