

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. Arthus reaction (25 Marks)
 - 3.2. *Candida albicans* (25Marks)
 - 3.3. Infectious mononucleosis (25 Marks)
 - 3.4. Killed vaccine (25 Marks)

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

