

UNIVERSITY OF JAFFNA

THIRD EXAMINATION FOR MEDICAL DEGREES (PART 1) –June2009 MICROBIOLOGY – Paper II

Date : 16.6.2009

Time : 2 ½ hours

9.00 – 11.30am

Answer All 5 Questions

1. 1.1 List the bacterial species which cause Gas gangrene in human beings? 20 marks
1.2 Describe the pathogenesis, diagnosis and treatment of Gas gangrene? 80 marks
2. Discuss the mechanisms by which the immune system:
2.1. protects against the diseases 50 marks
2.1. contributes to diseases 50 marks
3. Explain the pathogenesis of the following infective diseases:
3.1 Dengue hemorrhagic fever 35 marks
3.2 Cholera 35 marks
3.3 Poliomyelitis 30 marks
4. 4.1 Name 3 Bacteria which cause neonatal meningitis? 15 marks
4.2 Describe how you would make a microbiological diagnosis of the above condition 45 marks
4.3 Describe the collection and transport of specimens for 4.2 40 marks
5. Write notes on :
5.1 Tuberculosis 35 marks
5.2 Infectious mononucleosis 35 marks
5.3 Candidiasis 30 marks