

UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
FIRST YEAR SECOND SEMESTER EXAMINATION - JANUARY 2016
PHABMP 1264 BASIC MICROBIOLOGY & PARASITOLOGY

PAPER II

Date: 01.02.2016

Time: 2 hours



ANSWER ALL SIX QUESTIONS.

1.
 - 1.1 Name four Gram positive bacteria. (10 Marks)
 - 1.2 Describe the components of a bacterial cell. (30 Marks)
 - 1.3 Write notes on Antibiotic susceptibility test. (40 Marks)
 - 1.4 Give five reasons for the antibiotic resistance in a bacterium. (20 Marks)

2. Write notes on
 - 2.1 Killed vaccines (30 Marks)
 - 2.2 Solid culture media for bacteria (40 Marks)
 - 2.3 Dermatophytes (30 Marks)

3.
 - 3.1 Give five respiratory tract infections. (25 Marks)
 - 3.2 Name the microorganisms responsible for the infections mentioned in 3.1. (25 Marks)
 - 3.3 Briefly write on sterilization by autoclave. (50 Marks)

4.
 - 4.1 Define the following terms and briefly describe the reactions
 - 4.1.1 Agglutination (25 Marks)
 - 4.1.2 Precipitation (25 Marks)
 - 4.2 Name the types of ELISA and describe them briefly. (50 Marks)

- 5.
- 5.1 List the soil transmitted helminthes. (10 marks)
 - 5.2 Outline the life cycle of any ONE of the parasites mentioned in 5.1 (40 marks)
 - 5.3 How will you advice the people to prevent and control the soil transmitted helminth infections. (50 marks)
- 6 Write short notes on the following.
- 6.1 First aid of snake bite (25 marks)
 - 6.2 Scabies (25 marks)
 - 6.3 Trichomoniasis (25 marks)
 - 6.4 Foot care program in lymphatic filariasis (25 marks)