

UNIVERSITY OF JAFFNA, SRI LANKA

FACULTY OF ALLIED HEALTH SCIENCES

FIRST YEAR SECOND SEMESTER EXAMINATION IN BPharmHons-2020

PHABMP 1264 BASIC MICROBIOLOGY AND PARASITOLOGY – PAPER II

Date: 02.09.2022

Time: 02 hours

ANSWER ALL SIX QUESTIONS

1.
  - 1.1. List two Gram positive and Gram negative bacteria. (20 Marks)
  - 1.2. Compare the cell walls of Gram negative and Gram positive bacteria. (25 Marks)
  - 1.3. Give five modes of transmission of infectious diseases with examples. (25 Marks)
  - 1.4. Briefly explain the importance of normal flora. (30 Marks)
  
2.
  - 2.1. List four different types of culture media used in microbiology laboratory, with an example for each. (20 Marks)
  - 2.2. Write down the importance of determining the minimum inhibitory concentration. (20 Marks)
  - 2.3. Briefly describe the Clinical and Laboratory Standards Institute (CLSI) method (Kirby-Bauer) of disk diffusion method. (30 Marks)
  - 2.4. Briefly describe different mechanisms for the development of antibacterial resistance in bacteria. (30 Marks)
  
3.
  - 3.1. List the classes of immunoglobulin. (10 Marks)
  - 3.2. Mention the distribution and significance of the above classes. (20 Marks)
  - 3.3. Write notes on Type I hypersensitivity reaction. (30 Marks)
  - 3.4. Briefly describe the innate immune responses. (40 Marks)
  
4. Write an account on
  - 4.1. Dermatophytosis. (30 Marks)
  - 4.2. Live attenuated vaccines. (30 Marks)
  - 4.3. Sterilization by autoclave. (40 Marks)

5.

- 5.1. Name the filarial parasite causing lymphatic filariasis in Sri Lanka. (15 Marks)
- 5.2. Explain the term “periodicity of microfilaria”. (15 Marks)
- 5.3. List the main clinical features of the lymphatic filariasis. (30 Marks)
- 5.4. Write an account on the footcare programme in lymphatic filariasis. (40 Marks)

6. Write short notes on the following

- 6.1. First aid for snake bite. (30 Marks)
- 6.2. Prevention and control of soil transmitted helminth infections. (30 Marks)
- 6.3. Clinical consequences of intestinal parasitic infections. (40 Marks)

Allied Health Sciences