

UNIVERSITY OF JAFFNA, SRI LANKA  
FACULTY OF ALLIED HEALTH SCIENCES  
THIRD YEAR SECOND SEMESTER EXAMINATION IN BPharmHons – 2021  
PHAHP 3236 HOSPITAL PHARMACY

Date: 03/10/2023

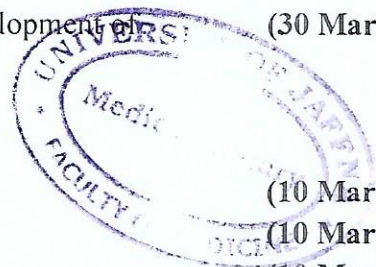
Time: 03 Hours

Answer All EIGHT Questions. Marks allocated to each part are given within brackets.

Answer Part A & Part B in separate answer book

PART A

1.
  - 1.1 Explain the role of pharmacist in hospital. (50 Marks)
  - 1.2 List the criteria used for the selection of essential medicines. (20 Marks)
  - 1.3 What are the key factors involved in the development of essential medicine list? (30 Marks)
2.
  - 2.1 Define:
    - 2.1.1. Hospital formulary (10 Marks)
    - 2.1.2. Formulary manual (10 Marks)
    - 2.1.3. Formulary system (10 Marks)
  - 2.2 Explain the benefits of hospital formulary. (70 Marks)
3.
  - 3.1 What is Drug Information Center? (10 Marks)
  - 3.2 List down the functions of the drug information center. (20 Marks)
  - 3.3 Explain the steps in drug information enquiries. (70 Marks)
4.
  - 4.1 Explain the purpose of Drug Therapeutic committee. (40 Marks)
  - 4.2 Explain the role of Drug Therapeutic committee in formulary system. (15 Marks)
  - 4.3 Explain briefly the cost analysis methods. (45 Marks)
5.
  - 5.1 Explain the procedures involved in parenteral compounding. (45 Marks)
  - 5.2 Briefly explain the importance of aseptic dispensing. (30 Marks)
  - 5.3 Write down the factors to be considered when designing aseptic laboratory. (25 Marks)
6.
  - 6.1 Write down the functional barriers in patient counselling. (50 Marks)
  - 6.2 Discuss the benefits of effective patient counselling. (50 Marks)



**Part B**

- 7.
- 7.1 Why ionization radiation used in medicine? (20 Marks)
  - 7.2 Briefly describe the working principle of an ionization chamber in the measurement of ionizing radiation. (30 Marks)
  - 7.3 Define the following decay modes with suitable examples.
    - 7.3.1 Alpha (10 Marks)
    - 7.3.2 Beta (10 Marks)
    - 7.3.3 Gamma (10 Marks)
  - 7.4 Give the three basic principles used to reduce the radiation exposure. (20 Marks)
- 8.
- 8.1 Define radiopharmaceutical. (10 Marks)
  - 8.2 Briefly discuss the importance of T-99m in nuclear medicine imaging. (40 Marks)
  - 8.3 Write short note on labelling of radiopharmaceutical. (50 Marks)