

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
THIRD YEAR SECOND SEMESTER EXAMINATION IN BPharmHons – 2022
PHAHP 3236 HOSPITAL PHARMACY

Date: 25.06.2024

Time: 03 Hours

Answer All EIGHT Questions. Marks allocated to each part are given within brackets.
Answer Part A and Part B in separate answer books

PART - A

1.
 - 1.1 Define:
 - 1.1.1. Hospital formulary (15 Marks)
 - 1.1.2. Formulary manual (15 Marks)
 - 1.2 List the selection criteria for new medicines in hospital formulary. (20 Marks)
 - 1.3 Explain the role of pharmacist in hospital. (50 Marks)
2.
 - 2.1 List the functions of Drug and Therapeutic Committee. (40 Marks)
 - 2.2 Explain on Institutional Drug and Therapeutic Committee. (60 Marks)
3.
 - 3.1 List the steps involved in reporting quality failure drugs. (40 Marks)
 - 3.2 Write a brief note on local purchase. (60 Marks)
4.
 - 4.1 List the information needed for the effective control of the drugs? (20 Marks)
 - 4.2 Briefly explain the ideal storage environment for drugs. (30 Marks)
 - 4.3 Explain the cold chain management from the point of manufacturing until it reaches the institution. (50 Marks)
5.
 - 5.1 List the types of in-patient medication management. (20 Marks)
 - 5.2 Explain the types mentioned in 5.1. (60 Marks)
 - 5.3 List down the functions of the drug information center. (20 Marks)
6. Write short note on,
 - 6.1 ABC analysis. (25 Marks)
 - 6.2 VEN analysis. (25 Marks)
 - 6.3 total parenteral nutrition (TPN). (25 Marks)
 - 6.4 Effective patient counselling. (25 Marks)

PART - B

7.
 - 7.1 List two types of ionizing radiations with examples used in medicine. (20 Marks)
 - 7.2 Define radio-activity and give its unit. (15 Marks)
 - 7.3 Briefly describe the different types of major photon interactions with matter. (30 Marks)
 - 7.4 Briefly describe the different types of major photon interactions with matter. (15 Marks)
 - 7.5 Draw a labelled diagram of the medical X-ray tube. (20 Marks)
8.
 - 8.1 What is radiopharmaceutical? (10 Marks)
 - 8.2 Briefly describe the features of Tc-99m used in the preparation of radiopharmaceuticals. (30 Marks)
 - 8.3 Briefly discuss the importance of equivalent doses in radiation protection. (20 Marks)
 - 8.4 Write short notes on the biological effect of ionizing radiation. (40 Marks)