

UNIVERSITY OF JAFFNA, SRILANKA
FACULTY OF ALLIED HEALTH SCIENCES
BACHELOR OF PHARMACY
THIRD YEAR FIRST SEMESTER EXAMINATION IN BPharmHons - 2023
PHAHP 3122 HOSPITAL PHARMACY

Date: 27. 11. 2024

Time: 02 Hours

ANSWER ALL FOUR (04) QUESTIONS.

Answer Part A and Part B in separate answer books

PART - A

1. Patient counselling is an important part of the dispensing. More detailed advice is especially important when certain medicines are supplied in certain circumstances. Briefly explain about the each circumstances with appropriate example (100 Marks)

2.
 - 2.1 List the proper storage guideline of drug (50 Marks)
 - 2.2 Write cold storage of drug (50 Marks)

3. Write short notes on following:
 - 3.1 Institutional level drug and therapeutic committee. (25 Marks)
 - 3.2 Stock control procedure in outdoor pharmacy. (25 Marks)
 - 3.3 What are the procedure followed in withheld and withdraw medicine in institutional level. (20 Marks)
 - 3.4 Accounting of medicine. (30 Marks)

PART - B

4.
 - 4.1 Define specific activity of a radioactive sample and give its unit. (10 Marks)
 - 4.2 In a hospital, 15 mg of I-131 stored for 10 days. Find the amount of original I-131 is present after 10 days. (You may assume that half-life of I-131 is 8.0 days) (15 Marks)
 - 4.3 Briefly describe on working principle of a gamma camera. (20 Marks)
 - 4.4 Briefly discuss the importance of photo electric effect and Compton effect on in-vivo studies of nuclear medicine. (15 Marks)
 - 4.5 A radioimmunoassay reagent (kit) contains 78.3 mCi of Tc-99m MDP in a volume of 2.8 ml vial. A cancer patient need 18.0 mCi of Tc-99m MDP dose to perform a bone scan. Find the volume of reagent should be withdrawn to obtain the desired dose. (15 Marks)
 - 4.6 Write short note on biological effect of ionizing radiation. (25 Marks)