UNIVERSITY OF JAFFNA
BACHELOR OF PHARMACY
THIRD YEAR SECOND SEMESTER EXAMINATION – JULY 2015
PHAHP 3204 HOSPITAL PHARMACY

Date: 20.07.2015. **Time: 03 Hours**

ANSWER ALL EIGHT QUESTIONS.

Answer parts A, B and C in separate answer books.

PART A

1.

1.1 List the drug distribution systems used for in-patients in hospitals. (20 Marks)

1.2 Briefly describe the drug distribution systems listed in 1.1. (80 Marks)

2.

2.2 List the members of Hospital Drugs and Therapeutic Committee. (30 Marks)

2.3 Explain the functions of Hospital Drug and Therapeutic Committee? (70 Marks)

3. Describe the functions of hospital pharmacy. (100 Marks)

4. Write an account on

4.1 cold chain. (60 Marks)

4.2 criteria for selecting hospitals for development. (40 Marks)

5.

5.1 Describe the various resources used in the drug information centre? (30 Marks)

5.2 Explain the steps in responding to drug information queries. (70 Marks)

PART B

6.

6.1 What types of records are kept in hospitals? (20 Marks)

6.2 Differentiate the primary and secondary sources of records. (20 Marks)

6.3 What are the purposes for maintaining medical records in hospitals. (20 Marks)

6.4 List the documents that should be preserved in a hospital. Give reasons. (40 Marks)

PART C

7.

7.1 List the methods of production of radionuclides used in nuclear medicine and give an example for each method. (30 Marks)

7.2 Explain the "radiation exposure" with the help of the principle of free air ionization chamber. (30 Marks)

7.3 7.3.1 Distinguish between equivalent dose and effective dose in radiation protection. (20 Marks)

7.3.2 Give the values of

7.3.2.1 permissible level of equivalent radiation dose for eye lens and skin. (10 Marks)

7.3.2.2 the effective dose for a general public in a year. (10 Marks)

8.

8.1 8.1.1 What is meant by "biological half life of radio nuclide". (10 Marks)

8.1.2 Briefly describe the features of the radionuclide "Technetium-99m" used as radiopharmaceuticals in nuclear medicine imaging. (35 Marks)

8.2 Discuss the importance of "fluorodeoxyglucose (FDG)" in Positron Emission Tomography (PET) imaging. (35 Marks)

8.3 List the specific requirements of ideal tracer. (20 Marks)