THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
THE ACADEMIC YEAR 2023/2024 – SEMESTER II

BACHELOR OF PHARMACY HONOURS
FMU4304 HOSPITAL PHARMACY LEVEL 4
FINAL EXAMINATION
DURATION: THREE (03) HOURS

DATE:18TH OCTOBER 2024 TIME: 09.30 A.M. – 12.30 P.M

INDEX NO.....

Part B – 02 Short Answer Questions (20 Marks)

1.

1.1. Define the term "dispensing error". (01 mark)

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1.2. List two (02) types of dispensing errors with an example for each. (02 marks)

Type of dispensing error	Example

1.3. State four (04) requirements that a dispensing person should possess to ensure optimum performance in dispensing. (04 marks)

I).....

II).....

III).....

IV).....

1.4.State three (03) responsibilities of a hospital pharmacist at outdoor pharmacy regarding drug management. (03 marks)

I).....

II).....

III).....

INDEX NO.....

2.

2.1. State the importance of correct preparation of annual requirements of pharmaceuticals in a healthcare setting. (01 mark)

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2.2. List four (04) methods of drug estimation in health systems. (04 marks)

I).....

II).....

III).....

IV).....

2.3. List five (05) challenges that impact the correct quantification of drugs in a hospital. (05 marks)

I).....

II).....

III).....

IV).....

V).....

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Part C – 04 Structured Essay Questions (60 Marks)

1.

1.1. State six (06) rights of efficient procurement. (03 marks)

1.2. Briefly describe the steps of the procurement process carried out by State Pharmaceuticals Cooperation (SPC). (04 marks)

1.3. State three (03) good pharmaceutical procurement practices. (03 marks)

1.4. List five (05) items that should be documented in the clinical documentation of a patient by the pharmacist. (05 marks)

2.

2.1. Describe the term "pharmacoepidemiology". (03 marks)

2.2. List four (04) types of new information that can be provided by pharmacoepidemiology studies which are not available from pre-marketing studies. (04 marks)

2.3. Write short notes on following study designs.

a. Cohort study design (04 marks)

b. Randomized controlled trials (04 marks)

3.

3.1. Define the term "essential medicines". (01 mark)

3.2. Briefly explain the term "Investigational New Drug". (02 marks)

3.3. State four (04) categories of investigational new drugs. (04 marks)

3.4. Describe the four (04) steps in developing a formulary list in a healthcare institute. (08 marks)

4.

4.1. Define the term "radiopharmaceuticals". (01 mark)

4.2. Write short notes on the following.

a. Diagnostic radiopharmaceuticals (04 marks)

b. Therapeutic radiopharmaceuticals (04 marks)

4.3. Explain the responsibilities of the pharmacist in the Emergency Department (ED) of a hospital with regards to the following activities.

a. Providing medication information to healthcare professionals in ED (03 marks)

b. Medication history taking (03 marks)