



UNIVERSITY OF RUHUNA – FACULTY OF ALLIED HEALTH SCIENCES

DEPARTMENT OF PHARMACY

THIRD BPHARM PART I EXAMINATION – OCTOBER/NOVEMBER 2019

PH 3134 HOSPITAL & CLINICAL PHARMACY (SEQ)

TIME: THREE HOURS

INSTRUCTIONS

- There are **six** questions in Part A and Part B of the SEQ paper.
- Answer **each** Part in a separate booklet.
- No paper should be removed from the examination hall.
- Do not use any correction fluid.
- Use illustrations where necessary.

PART A

1.

- 1.1. Define the term 'drug therapy review'. (10 marks)
- 1.2. Write **three** objectives of a drug therapy review. (15 marks)
- 1.3. A 63-year-old woman had been admitted to a medical ward due to fever for 4 days. Assuming that you are the in-charge clinical pharmacist of this ward.
- 1.3.1. Briefly describe the information that you would gather during the first interview with her. (30 marks)
- 1.3.2. Giving examples, explain the medication review of her in the following day. (45 marks)

2.

- 2.1. What is meant by 'patient counseling'? (10 marks)
- 2.2. Mr. PR (50-year-old) is going to be discharged after five days stay in the medical ward in the hospital due to uncontrolled diabetes. Below are the medications mentioned in the discharge plan.

Insulin	10 IU BD
Metformin	1 g BD
Atorvastatin	10 mg daily

- As the clinical pharmacist in-charge, list down the important factors you will discuss in the counselling session arranged for Mr. PR before discharge. (40 marks)
- 2.3. As a member of the healthcare team, clinical pharmacist's participation in the ward round is important to improve the patient care.
- 2.3.1. Do you agree with the above statement? Explain the reasons. (30 marks)
- 2.3.2. As a clinical pharmacist, what are the preparatory work you have to complete before participating in the ward round? (20 marks)

PART B

- 3.
- 3.1. List **five** responsibilities of a hospital pharmacist. (20 marks)
 - 3.2. Briefly describe **three** advantages which can be obtained from the education and training division of hospital pharmacy. (30 marks)
 - 3.3. List **five** services which can be provided by a poison information center. (20 marks)
 - 3.4. Briefly describe **two** services mentioned above in 3.3. (30 marks)
- 4.
- 4.1. Outline the essential steps which should be followed when handling a poison inquiry. (30 marks)
 - 4.2. Define the term "hospital formulary". (10 marks)
 - 4.3. Briefly explain **three** advantages of a hospital formulary system. (30 marks)
 - 4.4. Briefly describe the standard operating procedure of handling patient's own medicines in the ward. (30 marks)
- 5.
- 5.1. List **three** types of wastes which are accumulated in hospitals. (10 marks)
 - 5.2. Explain briefly the importance of proper disposal of expired medicines. (25 marks)
 - 5.3. Briefly explain the followings
 - 5.3.1. Storage of controlled substances in Hospital Pharmacy department. (40 marks)
 - 5.3.2. Storage of flammables and corrosives. (25 marks)
- 6.
- 6.1. List **six** major steps involving dispensing cycle. (25 marks)
 - 6.2. Briefly explain **one** step mentioned in 6.1. (25 marks)
 - 6.3. List **four** hospital preparations which should be prepared in a highly controlled environment. (10 marks)
 - 6.4. Briefly explain about **four** basic zones which should be included in a central sterile supply department. (40 marks)

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