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## **UNIVERSITY OF RUHUNA – FACULTY OF MEDICINE**

## **ALLIED HEALTH SCIENCES DEGREE PROGRAMME**

**SECOND B PHARM PART II EXAMINATION- JUNE 2013**

## **PH2214: PHARMACEUTICS III**

**TIME: 9.00a.m.- 12.00 noon**

## **INSTRUCTIONS**

- Answer all questions.
  - No paper should be removed from the examination hall.
  - Do not use any correction fluid.

1.

1.1 Briefly explain the organizational concepts of hospital and community pharmacy.

(50 marks)

1.2 Indicate the role of a pharmacist as a member of a Healthcare team. (50 marks)

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2.

2.1 Define the term “extemporaneous compounding”.

(10 marks)

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2.2 Explain why compounding is essential in pharmacy practice.

(20 marks)

2.3 As a professional pharmacist, discuss the important actions to be taken on

### **extemporaneous dispensing.**

(40 marks)

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2.4

#### **2.4.1 List out the dispensing errors.**

(20 marks)

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#### **2.4.2 Give your suggestions to minimize dispensing errors.**

(10 marks)

3.

### **3.1 Define the term “Essential Medicines.”**

(20 marks)

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### 3.2 What are the criteria for including a drug to the Essential Medicines List (EML)?

"online learning" uses of media? (30 marks)

### 3.3 Why is it important to revise EML from time to time?

**(20 marks)**

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### **3.4 Briefly discuss the uses of EML.**

(30marks)

4.5.3 The local telephone numbers will be:

4.1 Define the term “rational use of medicine.” (10 marks)

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#### 4.2 Briefly explain the following,

4.2.1 The role of the pharmacist in promoting rational use of medicine. (50 marks)

4.2.2 The forces promoting irrational drug use. (40 marks)

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5. **Ques 05** **Referat konceptu al instruksiun ai ti yuwa waiva mutanezi al jadwal**

5.1 Write short notes on

5.1.1 Selection bias in epidemiological studies.

(30 marks)

5.1.2 Post marketing drug surveillance (PMS). (30 marks)

5.2 Compare the advantages and disadvantages of case-control and cohort studies. (40 marks)

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6.

6.1 What is literature review and why it is important in Pharmacy research? **(10 marks)**

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6.2 Explain briefly **four** economical evaluation methods that are used in pharmacoeconomics.

**(40 marks)**

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6.3 Briefly explain **two** qualitative research methods used in Pharmacy research.

**(50 marks)**

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