



**UNIVERSITY OF RUHUNA – FACULTY OF MEDICINE**

**ALLIED HEALTH SCIENCES DEGREE PROGRAMME**

**FOURTH B.PHARM PART I EXAMINATION – DECEMBER 2015**

**PH 4132 APPLIED PHARMACOLOGY (SEQ)**

**TIME: TWO HOURS**

**INSTRUCTIONS**

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

**1.**

- 1.1. Write short notes on phases of a clinical trial. *(25 marks)*
- 1.2. As a clinical pharmacist, discuss the factors you should consider on issuing drugs for a prescription of a child. *(75 marks)*

**2.**

- 2.1.
  - 2.1.1. List five functions of the liver. *(10 marks)*
  - 2.1.2. Discuss the effects on the functions mentioned in 2.1.1 in a patient with chronic liver disease. *(40 marks)*
- 2.2. Define the essential drug list. *(25 marks)*
- 2.3. List ten factors contribute to medication errors in a pharmacist. *(25 marks)*

**3. Write short note on the following**

- 3.1. Prescription *(50 marks)*
- 3.2. Ethics in research *(50 marks)*

**4. Write short notes on the following**

- 4.1. Pharmacovigilance *(50 marks)*
- 4.2. FDA categories regarding the drugs used in pregnancy *(50 marks)*

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