



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE
THIRD EXAMINATION FOR MEDICAL DEGREES PART II - DECEMBER 2005

PHARMACOLOGY – PAPER 1

Wednesday 7th December 2005

2 HOURS

Answer all FOUR Questions

Answer EACH PART in a SEPARATE BOOK

PART A

1. Discuss the pharmacological basis for the use of the following drugs in the conditions stated.
 - 1.1. Heparin in unstable angina. (25 marks)
 - 1.2. Carbimazole in thyrotoxicosis. (25 marks)
 - 1.3. Proton pump inhibitors in peptic ulcer disease. (25 marks)
 - 1.4. Lactulose in hepatic encephalopathy. (25 marks)

PART B

2. Describe the drug treatment of the following conditions, indicating the reasons for your choice of drugs, and the adverse effects of the drugs you mention.

- 2.1. Pulmonary tuberculosis in an adult. (35 marks)
- 2.2. Diabetic keto-acidosis. (35 marks)
- 2.3. Acute left ventricular failure. (30 marks)

3. Write notes on

- 3.1. Uses and adverse effects of anticholinergic drugs. (30 marks)
- 3.2. Non-steroidal anti-inflammatory drugs. (30 marks)
- 3.3. Preparations of glucocorticoids and their uses. (40 marks)

Give the names of drugs wherever possible.

4. 4.1. Name four (4) drugs, from different groups, used in the treatment of hypertension. (20 marks)
- 4.2. Describe the mechanism of action of two of the drugs you mention. (40 marks)
- 4.3. List the adverse effects of the four (4) drugs you have mentioned in 4.1. (40 marks)