

UNIVERSITY OF JAFFNA, SRI LANKA

THIRD EXAMINATION FOR MEDICAL DEGREES PART II - JANUARY 2009

PHARMACOLOGY PAPER II

Date: 05.01.2009

Time allowed: 2 hours
9.00 – 11.00 am

Answer all Four Questions

Answer each Part in separate Answer Book.

PART A

- 1.1 List the preparations of adrenal corticosteroids 20 marks
- 1.2 Describe their use in
- 1.2.1 Bronchial asthma 20 marks
- 1.2.2 Rheumatoid arthritis 20 marks
- 1.3 What are the common adverse effects? 20 marks
- 1.4 Describe how the adverse effects can be minimized. 20 marks
2. Describe the pharmacological basis for the use of the following.
- 2.1. Frusemide in cardiac failure 25 marks
- 2.2. Angiotensin converting enzyme inhibitors in hypertension 25 marks
- 2.3. Levodopa/carbidopa in Parkinson's disease 25 marks
- 2.4. Fractionated heparin 25 marks
- 3.1. How are adrenergic receptor blockers classified? Give examples for each class. 20 marks
- 3.2. Write the indications for the usage of each class of drug. 40 marks
- 3.3. List the adverse effects of the different class of drugs? 40 marks

PART B

- 4.1. Define the term adverse drug reaction. 20 marks
- 4.2. Explain briefly the differences between Type A and Type B reactions 20 marks
- 4.3. Give 2 examples for each of the following
- 4.3.1 Type A 10 marks
- 4.3.2 Type B 10 marks
- 4.4. Describe the pharmacological basis for using adrenaline in anaphylactic shock 40 marks