

UNIVERSITY OF JAFFNA, SRI LANKA.
THIRD EXAMINATION FOR MEDICAL DEGREES – PART II – JUNE 2009
Subject : PHARMACOLOGY – Paper II

ANSWER ALL QUESTIONS

TIME: 2 HOURS

1.
 - 1.1 Describe the pharmacological basis for the use of morphine in acute myocardial infarction. – 30 marks
 - 1.2 Name 2 other drugs that are used in the management of acute myocardial infarction on admission – 10 marks
 - 1.3 What are the adverse effects of the drugs mentioned in 1.1 and 1.2? - 40 marks
 - 1.4 How can the adverse effects mentioned in 1.2 minimized / avoided? - 20 marks

2.
 - 2.1.1 Name the drug of 1st choice for the treatment of typhoid fever - 10 marks
 - 2.1.2 Describe the mode of action drug mentioned in 2.1.1 - 15 marks
 - 2.1.3 List the side effects of the drug mentioned in 2.1.1 - 15 marks
 - 2.2.1 Name 2 antibiotics that are used in the treatment of staphylococcal Infections - 10 marks
 - 2.2.2 Write the mode of action of the drugs mentioned 2.2.1 - 20 marks
 - 2.3.1 Write three antiviral drugs used in the treatment of HIV infection - 15 marks
 - 2.3.2 Describe the mode of action of the drugs mentioned in 2.3.1 - 15 marks

3. Write notes on
 - 3.1 Dopa – carbidopa combination - 40 marks
 - 3.2 Phenytoin sodium - 40 marks
 - 3.3 Metformin - 20 marks

4.
 - 4.1 Name 2 drugs each of which
 - 4.1.1 Neutralize gastric acid - 10 marks
 - 4.1.2 Inhibit secretion of gastric acid - 10 marks
 - 4.1.3 Enhance mucosal resistance - 10 marks
 - 4.2 Describe the uses of the drugs mentioned in 4.1. - 30 marks
 - 4.3 What are the important adverse effects of the drugs mentioned in 4.1? - 20 marks
 - 4.4 Describe the management of NSAID induced peptic ulcer disease. - 20 marks