

UNIVERSITY OF JAFFNA, SRI LANKA

BACHELOR OF PHARMACY

SECOND YEAR SECOND SEMESTER EXAMINATION–JANUARY 2013

PHARMACOLOGY II – PHACL 2203 (New Syllabus)

Paper II

Date: 18.02.2013

Time: 02 hours

ANSWER ALL THE EIGHT QUESTIONS



1.
 - 1.1. Name 3 anticholinesterases. (30 Marks)
 - 1.2. Describe the mechanism of action of anticholinesterase. (30 Marks)
 - 1.3. List the indications for anticholinesterases. (40 Marks)

2.
 - 2.1. Classify beta blockers with examples. (30 Marks)
 - 2.2. List the indications for beta blockers. (30 Marks)
 - 2.3. What are the adverse effects of beta blockers? (40 Marks)

3.
 - 3.1. Classify the diuretics with examples. (40 Marks)
 - 3.2. Describe the important adverse effects of each group of diuretics mentioned in 3.1. (60 Marks)

4.
 - 4.1. Name 3 commonly prescribed antianginal drugs with different mechanism of action. (30 Marks)
 - 4.2. Describe the mechanism of action of each of the drugs mentioned in 4.1. (60 Marks)
 - 4.3. Name the drug of choice for the termination of an acute attack of angina. (10 Marks)

5.
 - 5.1. Describe the mechanism of action of warfarin. (30 Marks)
 - 5.2. List the indications for warfarin. (30 Marks)
 - 5.3. What are the adverse effects of warfarin? (40 Marks)

6. Explain the pharmacological basis for using following drugs in the treatment of bronchial asthma.
 - 6.1. Salbutamol. (30 Marks)
 - 6.2. Ipratropium. (30 Marks)
 - 6.3. Sodium cromoglycate. (40 Marks)

7.
 - 7.1. Describe the mechanism of action of NSAIDs. (20 Marks)
 - 7.2. Give one example for
 - 7.2.1. non-selective COX inhibitors. (10 Marks)
 - 7.2.2. COX2 selective inhibitors. (10 Marks)
 - 7.3. List the indications for NSAIDs. (20 Marks)
 - 7.4. Describe the adverse effects of NSAIDs? (40 Marks)

8. Write an account on
 - 8.1. Methotrexate. (50 Marks)
 - 8.2. Oral Iron Therapy. (50 Marks)