



UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY

SECOND YEAR SECOND SEMESTER EXAMINATION JULY 2015

PHACL 2203 - PHARMACOLOGY & PHARMACOTHEAPY II

Paper II

Date: 11.07.2015

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. Name five anticholinesterases. (20 Marks)
 - 1.2. List the indications of anticholinesterases with examples. (30 marks)
 - 1.3. Explain the clinical manifestations of organophosphate poisoning. (50 Marks)
2.
 - 2.1. Describe the mechanism of actions for warfarin. (10 Marks)
 - 2.2. List the indications of warfarin. (20 Marks)
 - 2.3. Explain the drug interactions of warfarin with examples. (40 Marks)
 - 2.4. Write the advice that you would give to the patient when dispensing warfarin. (30 Marks)
3.
 - 3.1. Describe the mechanism of action of methotrexate in
 - 3.1.1. rheumatoid arthritis. (10 Marks)
 - 3.1.2. cancer chemotherapy. (10 Marks)
 - 3.2. Explain the adverse effects of methotrexate at the dosage used for the treatment of rheumatoid arthritis. (40 Marks)
 - 3.3. Write the precautions that need to be taken to prevent the adverse effects mentioned in 3.2. (20 Marks)
4. Write an account on
 - 4.1. cardio-selective beta blockers. (30 Marks)
 - 4.2. oral iron therapy. (30 Marks)
 - 4.3. inhaled steroids in bronchial asthma. (40 Marks)

