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UNIVERSITY OF JAFFNA, SRI LANKA  
BACHELOR OF PHARMACY  
SECOND YEAR SECOND SEMESTER EXAMINATION – February 2017  
PHARMACOLOGY & PHARMACOTHERAPY II – PHACL 2242

Paper II

Date: 15.02.2017

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
  - 1.1. List four (04) groups of antianginal drugs. Give one (01) example for each group. (20 Marks)
  - 1.2. Describe the mechanism of action of each group of drugs mentioned in 1.1. (40 Marks)
  - 1.3. List indications (other than angina) for each of the mentioned in 1.1. (20 Marks)
  - 1.4. Describe the adverse effects of the drugs mentioned in 1.1. (20 Marks)
  
2.
  - 2.1. Classify the drugs acting on autonomic nervous system with examples. (30Marks)
  - 2.2. Describe the mechanisms of actions of the each group of drugs mentioned in 2.1. (40 Marks)
  - 2.3. Explain the clinical manifestations of organophosphate poisoning. (30 Marks)
  
3. Explain the pharmacological basis for using
  - 3.1. furosemide in the treatment of acute left ventricular failure. (25 Marks)
  - 3.2. losartan as an alternative for captopril in patients who developed cough with treatment of captopril. (25 Marks)
  - 3.3. low dose aspirin for antiplatelet effect. (25 Marks)
  - 3.4. colestyramine in the treatment of hyperlipidaemia. (25 Marks)
  
4. Write an account on
  - 4.1. methotrexate. (30 Marks)
  - 4.2. role of inhaled steroids in bronchial asthma. (30 Marks)
  - 4.3. warfarin. (40 Marks)