

UNIVERSITY OF JAFFNA, SRI LANKA  
BACHELOR OF PHARMACY  
SECOND YEAR SECOND SEMESTER EXAMINATION- AUGUST 2016  
PHARMACOLOGY & PHARMACOTHERAPY II - PHACL 2242  
Paper II

Date: 19.08.2016

Time: 02 hours

ANSWER ALL THE FOUR QUESTIONS

1.
  - 1.1. Describe the mechanism of action of nitrates. (20 Marks)
  - 1.2. List five dosage forms of nitrates and give one indication for each of them. (30 Marks)
  - 1.3. Explain nitrate tolerance. (20 Marks)
  - 1.4. Describe the measures that are taken to prevent nitrate tolerance. (30 Marks)
  
2.
  - 2.1. Explain the pharmacological effects of cholinomimetics. (50 Marks)
  - 2.2. Give two (02) examples for
    - 2.2.1. direct-acting cholinomimetics. (10 Marks)
    - 2.2.2. indirect-acting cholinomimetics. (10 Marks)
  - 2.3. List the indications of cholinomimetics with examples. (30 Marks)
  
3.
  - 3.1. Describe the mechanism of action of heparin. (20 Marks)
  - 3.2. List the indications of heparin. (20 Marks)
  - 3.3. Describe the adverse effects of heparins. (30 Marks)
  - 3.4. Explain the advantages of low molecular heparins over conventional heparins. (30 Marks)
  
4. Write an account on
  - 4.1. oral iron therapy. (40 Marks)
  - 4.2. adverse effects of methotrexate. (30 Marks)
  - 4.3. drug interactions of warfarin. (30 Marks)