

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR SECOND SEMESTER EXAMINATION IN BPharmHons-2019
PHACL 2242 PHARMACOLOGY & PHARMACOTHERAPY II- PAPER II

Date: 19.02.2022

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. Classify cholinomimetics. Give an example for each group. (10 marks)
 - 1.2. Describe the mechanism/s of action of each group of drugs mentioned in 1.1. (30 marks)
 - 1.3. List the clinical uses of cholinomimetics with examples. (30 marks)
 - 1.4. Describe the adverse effects of cholinomimetics. (30 marks)

2.
 - 2.1. Describe the mechanism of action of nitrates. (15 Marks)
 - 2.2. List five (05) indications of nitrates with examples. (25 Marks)
 - 2.3. Explain the term "nitrate tolerance". (20 Marks)
 - 2.4. Describe the measures that could be taken to prevent/minimize nitrate tolerance. (20 Marks)
 - 2.5. Concomitant use of nitrates with sildenafil is contraindicated. Explain. (20 Marks)

3.
 - 3.1. Give one (01) example for
 - 3.1.1. oral anticoagulants. (05 Marks)
 - 3.1.2. parenteral anticoagulants. (05 Marks)
 - 3.2. Describe the mechanism of action of the drugs mentioned in 3.1. (20 Marks)
 - 3.3. List the indications for the anticoagulant therapy. (20 Marks)
 - 3.4. Write the advice you would give to a 50 year old man when dispensing the oral anticoagulant mentioned in 3.1.1. (30 Marks)
 - 3.5. Describe the anticoagulant therapy during pregnancy. (20 marks)

4. Write an account on
 - 4.1. angiotensin converting enzyme inhibitors (ACEI) (40 Marks)
 - 4.2. Short-Acting Beta Agonists (SABAs) for Asthma. (30 Marks)
 - 4.3. COX-2 selective non-steroidal anti-inflammatory drugs. (30 Marks)