



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR SECOND SEMESTER EXAMINATION IN BPharmHons-2021
PHACL 2242 PHARMACOLOGY & PHARMACOTHERAPY II – PAPER II

Date: 14 JUL 2023

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. List five (05) groups of first-line antihypertensive agents with an example for each group. (25 Marks)
 - 1.2. Describe the mechanism of action of each group of antihypertensive agents mentioned in 1.1. (50 Marks)
 - 1.3. Mention two (02) main adverse effects of each group of antihypertensive agents mentioned in 1.1 (25 Marks)

2.
 - 2.1. List three (03) choline esters. (15 Marks)
 - 2.2. Describe the mechanism of action of anticholinesterases. (30 Marks)
 - 2.3. List the symptoms of organophosphate poisoning. (25 Marks)
 - 2.4. Describe the management of organophosphate poisoning. (30 Marks)

3. Explain the pharmacological basis of the followings.
 - 3.1. Low dose aspirin used for antiplatelet effect. (25 Marks)
 - 3.2. Cholestyramine used in the treatment of hyperlipidaemia. (25 Marks)
 - 3.3. N-acetylcysteine used for paracetamol overdose. (25 Marks)
 - 3.4. Inhaled corticosteroids used in the treatment of persistent asthma. (25 Marks)

4. Write an account on
 - 4.1. glyceryl trinitrate. (30 Marks)
 - 4.2. potassium sparing diuretics. (30 Marks)
 - 4.3. drug interactions of warfarin. (40 Marks)