

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
THIRD YEAR FIRST SEMESTER EXAMINATION IN BPharmHons-2020
PHACL 3143 PHARMACOLOGY & PHARMACOTHERAPY III- PAPER II

Date: 01.06.2022.

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1. Explain the pharmacological basis of the following.
 - 1.1. Prophylaxis of NSAIDs induced peptic ulcer. (30 marks)
 - 1.2. Lactulose in the treatment of hepatic encephalopathy. (40 marks)
 - 1.3. using NSAID and metoclopramide in the treatment of migraine (30 marks)

2.
 - 2.1. List five (05) different groups of oral hypoglycemic agents. Give one example for each group. (25 Marks)
 - 2.2. Describe the mechanism of actions of the oral hypoglycemic agents mentioned in 2.1. (40 Marks)
 - 2.3. List two (02) important adverse effect of oral hypoglycemic agents mentioned in 2.1. (20 Marks)
 - 2.4. Write the advice you would give to a patient when dispensing oral hypoglycemic drugs for the first time? (15 Marks)

3.
 - 3.1. Classify the antithyroid drugs. (10 Marks)
 - 3.2. Describe the mechanism of actions of the groups mentioned in 3.1 (30 Marks)
 - 3.3. Describe the adverse effects of each group mentioned in 3.1. (30 Marks)
 - 3.4. List drugs used in the treatment of thyroid storm (thyroid crisis) and mention the rationalae of using them (30 Marks)

4. Write an account on
 - 4.1. triple therapy in the eradication of *Helicobacter pylori* infection. (30 Marks)
 - 4.2. progesterone only contraceptives (30 Marks)
 - 4.3. adverse effects of corticosteroids. (40 Marks)