

006.

UNIVERSITY OF JAFFNA, SRI LANKA

FACULTY OF ALLIED HEALTH SCIENCES

THIRD YEAR FIRST SEMESTER EXAMINATION IN BPharmHons-2022

PHACL 3153 PHARMACOLOGY & PHARMACOTHERAPY III – PAPER II

Date: 29.12.2023

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.

- 1.1. List five (05) groups of drugs that are used in the treatment of peptic ulcer with an example for each. (20 Marks)
- 1.2. Explain the mechanisms of action of each group of drugs mentioned in 1.1. (40 Marks)
- 1.3. List two (02) adverse effects of each group of drugs mentioned in 1.1. (20 Marks)
- 1.4. Briefly describe triple therapy in the treatment for *Helicobacter pylori* induced peptic ulcer disease. (20 Marks)

2.

- 2.1. List four (04) groups of oral hypoglycaemic agents with an example for each. (20 Marks)
- 2.2. Describe the mechanisms of actions of the oral hypoglycaemic agents mentioned in 2.1. (40 Marks)
- 2.3. Mention two (02) adverse effects of the oral hypoglycaemic agents mentioned in 2.1. (20 Marks)
- 2.4. Briefly describe the management of diabetic ketoacidosis. (20 Marks)

3. Explain the pharmacological basis for using

- 3.1. Oral Rehydration Salts (ORS) in acute diarrhoea in children. (25 Marks)
- 3.2. lactulose in the treatment of hepatic encephalopathy. (25 Marks)
- 3.3. propranolol in the treatment of thyrotoxicosis. (25 Marks)
- 3.4. a biphasic soluble and isophane premixed insulin preparation in diabetic patients. (25 Marks)

4. Write an account on

- 4.1. thioamides. (30 Marks)
- 4.2. progesterone only contraceptives. (30 Marks)
- 4.3. adverse effects of long-term corticosteroid therapy. (40 Marks)