

UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
THIRD YEAR FIRST SEMESTER EXAMINATION–October 2019
PHARMACOLOGY & PHARMACOTHERAPY III – PHACL 3143

Paper II

Date: 08.11.2019

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1. Explain the pharmacological basis for using
 - 1.1. oral rehydration salt in the management of acute diarrhea. (30 Marks)
 - 1.2. lactulose in the treatment of hepatic encephalopathy. (30 Marks)
 - 1.3. triple therapy in the treatment of *Helicobacter pylori* infection. (40 Marks)

2.
 - 2.1. List five groups of oral hypoglycaemic agents and give one (01) example for each group. (25 Marks)
 - 2.2. Describe the mechanism of action of each group of oral hypoglycaemic agents mentioned in 2.1. (50 Marks)
 - 2.3. Mention two (02) important adverse effects of each group of above-mentioned oral hypoglycaemic agents. (25 Marks)

3.
 - 3.1. Describe the mechanism of action of glucocorticoids. (20 Marks)
 - 3.2. Give two (02) examples for
 - 3.2.1. inhaled glucocorticoids. (05 Marks)
 - 3.2.2. intravenous glucocorticoids. (05 Marks)
 - 3.2.3. oral glucocorticoids. (05 Marks)
 - 3.2.4. topical glucocorticoids. (05 Marks)
 - 3.3. Describe the adverse effects of glucocorticoids. (60 Marks)

4. Write an account on
 - 4.1. hormonal contraception. (50 Marks)
 - 4.2. thionamides. (50 Marks)