



UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
THIRD YEAR FIRST SEMESTER EXAMINATION – February 2017
PHARMACOLOGY & PHARMACOTHERAPY III – PHACL 3143
Paper II

Date: 21.02.2017

Time: 02 Hours

ANSWER ALL **FOUR** QUESTIONS

1. Write the advice you would give to patients in following circumstances.
 - 1.1. Dispensing oral rehydration salt to mother for the treatment of acute diarrhoea of her 2 year old child. (30 Marks)
 - 1.2. Dispensing insulin to a patient with diabetes mellitus. (40 Marks)
 - 1.3. Dispensing combined oral contraceptive pills to a young woman. (30 Marks)

2.
 - 2.1. Describe the mechanism of action of glucocorticoid. (15 Marks)
 - 2.2. Name five (05) commonly prescribed glucocorticoids and indicate the dosage form. (25 Marks)
 - 2.3. Describe the adverse effects of glucocorticoids. (60 Marks)

3. Explain the pharmacological basis for
 - 3.1. not recommending antidiarrhoeal agents to children. (25 Marks)
 - 3.2. using lactulose in hepatic encephalopathy. (25 Marks)
 - 3.3. using misoprostol in the treatment of NSAIDs-induced peptic ulcer disease. (25 Marks)
 - 3.4. using propranolol in the treatment of thyrotoxicosis. (25 Marks)

4.
 - 4.1. Name four (04) groups of oral hypoglycaemic agents and give one (01) example for each group. (20 Marks)
 - 4.2. Describe the mechanism of action of the drugs mentioned in 4.1. (40 Marks)
 - 4.3. List the adverse effects of the above-mentioned drugs. (40 Marks)