THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
THE ACADEMIC YEAR 2022/ 2023 – SEMESTER I

BACHELOR OF PHARMACY HONOURS
FMU4303 – PHARMACOLOGY I – LEVEL 4
FINAL EXAMINATION
DURATION: THREE (03) HOURS

DATE: 30TH MARCH 2023 TIME: 09.30 A.M. – 12.30 P.M.

Part B – 04 Structured Essay Questions (60 Marks)

1.

1.1 Briefly describe Asthma. (03 marks)

1.2 State the main three (03) ways of approaching the therapeutic goal of Asthma. (03 marks)

1.3 Write short notes on three (03) types of reliever medications for Asthma with examples. (09 marks)

2.

2.1 Briefly describe the mechanism of action of oral prednisolone as an immunosuppressant after a kidney transplant. (05 marks)

2.2 Explain how renal failure affects the pharmacokinetics of a drug. (10 marks)

3.

3.1 List three (03) drug classes used in hyperlipidemia and give one (01) example for each class. (06 marks)

3.2 Explain the mechanism of action and important adverse effects of the drug classes mentioned in above 3.1 (09 marks)

4.

4.1 Define the term "Hemostasis". (03 marks)

4.2 Briefly explain the mechanism of action of the following drugs.

I. Aspirin (04 marks)
II. Ticlopidine (04 marks)
III. Heparin (04 marks)