0075

23 SEP 2020

# THE OPEN UNIVERSITY OF SRI LANKA
## FACULTY OF HEALTH SCIENCES
## DEPARTMENT OF PHARMACY
## ACADEMIC YEAR 2019/2020 – SEMSETER I

**BACHELOR OF PHARMACY HONOURS**
**FMU6302- THERAPEUTICS - LEVEL 6**
**FINAL EXAMINATION**
**DURATION: THREE (03) HOURS**

---

**DATE: 23RD SEPTEMBER 2020** **TIME: 9.30 A.M.- 12.30 P.M.**

Index No.....

**Part – B (60 Marks)**

**Answer all questions.**

**(Each question carries 50 marks and the total of 50 x 4 = 200 will be calculated to 60% for the final mark)**

1.

1.1 List two (02) drugs used in the management of peptic ulcer disease. (10 marks)

1.2 List two (02) drugs used in the maintenance of remission in ulcerative colitis. (10 marks)

1.3 State the mechanism of action and two (02) adverse effects of one of the drugs mentioned in 1.2 above. (20 marks)

1.4 List two (02) laxatives that can be given to an elderly patient who has constipation due to hardening of stools. (10 marks)

2.

2.1 List five (05) drugs that are used in the management of hypertension. (10 marks)

2.2 State the mechanism of action of two (02) of the drugs mentioned in 2.1 above. (20 marks)

2.3 List two (02) common adverse effects of the two (02) drugs mentioned in 2.2 above. (10 marks)

2.4 List two (02) drugs that can be used in pregnancy-induced hypertension. (10 marks)

3.

3.1 List two (02) beta lactam antibiotics. (10 marks)

3.2 State the mechanism of action of beta lactam antibiotics. (10 marks)

3.3 List two (02) quinolone antibiotics. (10 marks)

3.4 List two (02) antibiotics that could be used in acute pyelonephritis. (10 marks)

3.5 List two (02) antibiotics that could be used in acute lower respiratory tract infections. (10 marks)

**Index No.....**

4.

4.1 List two (02) antibiotics which are used in the management of hepatic encephalopathy in chronic liver disease (CLD). (10 marks)

4.2 "Aspirin and non-steroidal anti-inflammatory drugs (NSAIDs) should be avoided in all patients with liver disease". Explain this statement. (20 marks)

4.3 List four (04) drug classes used to treat pruritis in chronic liver disease. (20 marks)