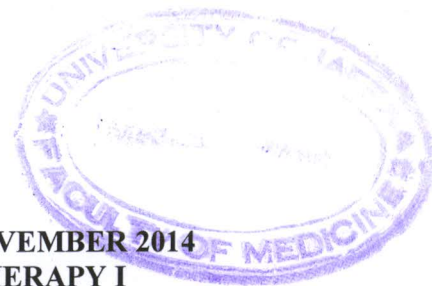


UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
SECOND YEAR FIRST SEMESTER EXAMINATION – NOVEMBER 2014
PHACL 2104 - PHARMACOLOGY & PHARMACOTHERAPY I
Paper II



Date: 03.12.2014

Time: 02 hours

ANSWER ALL **FOUR** QUESTIONS

1.
 - 1.1. Name four (04) enzyme inducers. (20 Marks)
 - 1.2. Explain the consequences of enzyme induction. (50 Marks)
 - 1.3. Describe the factors influencing the metabolism of drugs. (30 Marks)

2.
 - 2.1. Name two (02) antibiotics act by inhibiting bacterial nucleic acid synthesis. (20Marks)
 - 2.2. Describe the mechanism of action of the antibiotics mentioned in 2.1. (20 Marks)
 - 2.3. List the indications of the antibiotics mentioned in 2.1. (30 Marks)
 - 2.4. What are the adverse effects of above-mentioned antibiotics? (30 Marks)

3.
 - 3.1. List the first-line antituberculous drug. (20 Marks)
 - 3.2. Describe the mechanism of action of drugs mentioned in 3.1. (50 Marks)
 - 3.3. What precautions need to be taken when prescribing above-mentioned antituberculous drugs? (30 Marks)

4. Write an account on
 - 4.1. systemic bioavailability. (40 Marks)
 - 4.2. therapeutic drug monitoring. (30 Marks)
 - 4.3. type A adverse drug reactions. (30 Marks)