

UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
SECOND YEAR FIRST SEMESTER EXAMINATION- 2020
PHARMACOLOGY & PHARMACOTHERAPY I - PHACL 2133

Paper II

Date:13.06.2022

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. List the routes that are suitable for self-administration of medicines.
Give one example of medicine for each route. (30 Marks)
 - 1.2. Explain the factors influencing oral bioavailability of medicines. (30 Marks)
 - 1.3. Describe the advantages of intravenous administration of medicines. (20 Marks)
 - 1.4. Describe the disadvantages of intravenous administration of medicines. (20 Marks)

2. Describe the following,
 - 2.1. Enzyme induction and its clinical importance. (30 Marks)
 - 2.2. Therapeutic drug monitoring. (20 Marks)
 - 2.3. Adverse drug reaction reporting system in Sri Lanka (30 Marks)
 - 2.4. Factors responsible for variation in drug response (20 Marks)

3.
 - 3.1. List three (03) groups of antibacterial agents that act by inhibiting protein synthesis. Give two (02) examples of medicine for each group. (30 Marks)
 - 3.2. List the indications of medicines mentioned in 3.1. (30 Marks)
 - 3.3. Describe the adverse effects of medicines mentioned in 3.1 (30 marks)
 - 3.4. Describe your role as pharmacist in preventing development of antimicrobial resistance. (10 Marks)

4.
 - 4.1. Mention the first line anti tuberculosis medicines. (20 Marks)
 - 4.2. List the adverse effects of first-line antituberculosis medicines. (30 Marks)
 - 4.3. Write the instructions to be given when dispensing above-mentioned antituberculous medicines? (30 Marks)
 - 4.4. Describe the advantages of giving antituberculosis medications as fixed dose combination. (20 marks)