



UNIVERSITY OF JAFFNA, SRI LANKA
SECOND YEAR FIRST SEMESTER EXAMINATION in BScHons (Nursing) - 2021
PHARMACOLOGY I – NURPH 2143
Paper II

Date: 20.02.2023

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1.
 - 1.1.1. List three (03) different methods of administration of inhaled medicines in asthma. Give two (02) examples of medications administered through each method. (30 Marks)
 - 1.1.2. Discuss the advantages and disadvantages of giving inhaled medications in the treatment of asthma. (25 Marks)
 - 1.2.
 - 1.2.1. Explain the term first pass metabolism. (10 Marks)
 - 1.2.2. List three medicines (03) that undergo extensive first pass metabolism. (15 Marks)
 - 1.2.3. Describe the measures taken to minimize the effect of first pass metabolism. (20 Marks)
2.
 - 2.1. Describe the mechanism of action of aminoglycosides. (10 Marks)
 - 2.2. List the indications for aminoglycosides. (20 Marks)
 - 2.3. Describe the adverse effects of aminoglycosides. (30 Marks)
 - 2.4. Explain the precautions need to be taken to minimize the above-mentioned adverse effects. (20 Marks)
 - 2.5. Name three different dosage forms of aminoglycosides and give one example of medication for each of them. (20 Marks)
3. Write an account on
 - 3.1. advantages of giving antituberculosis medication as fixed dose combination. (30 Marks)
 - 3.2. signs and symptoms of organophosphate poisoning. (40 Marks)
 - 3.3. type A adverse drug reaction. (30 Marks)
4.
 - 4.1. List five (05) different groups of the medications used to treat hypertension. Give one example for each group. (25 Marks)
 - 4.2. Describe the mechanism of action of each group of medication mentioned in 4.1. (30 Marks)
 - 4.3. List two (02) important adverse effects of each group of medication mentioned in 4.1. (25 Marks)
 - 4.4. List two anti hypertensive agents that can be given intravenously? (10 Marks)
 - 4.5. List two anti hypertensive agents that can be used in pregnancy? (10 Marks)