

UNIVERSITY OF JAFFNA, SRI LANKA

FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR FIRST SEMESTER EXAMINATION IN B.SC. (HONS.) IN NURSING - 2019

NURPH 2143 - PHARMACOLOGY I – Paper II

Date: 20.12.2021

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. List the first line antituberculosis drugs. (15 Marks)
 - 1.2. Mention the treatment regime for the pulmonary tuberculosis with duration. (15 Marks)
 - 1.3. List the important adverse effects caused by antituberculosis medication. (20 Marks)
 - 1.4. Antituberculosis medications are given as fixed dose combinations.
 - 1.4.1. What is meant by fixed dose combination? (10 Marks)
 - 1.4.2. What are the advantages of giving antituberculosis medication as fixed dose combination? (20 marks)
 - 1.5. As a nursing officer, what advice you would give to following patients regarding the treatment of tuberculosis.
 - 1.5.1. A pregnant women with pulmonary tuberculosis. (10 marks)
 - 1.5.2. A lactating mother with pulmonary tuberculosis. (10 marks)

2.
 - 2.1. Explain the term first pass metabolism. (15 Marks)
 - 2.2. List five (05) medications that undergo extensive first pass metabolism. (15 Marks)
 - 2.3. Describe the measures taken to minimize the effects of first pass metabolism. (30 Marks)
 - 2.4. Discuss the advantages and disadvantages of intravenous administration. (40 Marks)

- 3.
- 3.1. List five (05) different groups of the medications used to treat hypertension. Give one example for each group. (25 Marks)
 - 3.2. Describe the mechanism of action of each group of medication mentioned in 3.1. (30 Marks)
 - 3.3. List two (02) important adverse effects of each group of medication mentioned in 3.1 (25 Marks)
 - 3.4. List two anti-hypertensives that can be used in:
 - 3.4.1. pregnancy. (10 Marks)
 - 3.4.2. hypertensive emergencies. (10 marks)
- 4.
- 4.1. Name two:
 - 4.1.1. direct acting cholinomimetics (10 Marks)
 - 4.1.2. indirectly acting cholinomimetics (10 Marks)
 - 4.2. List the indications of cholinomimetics. (20 Marks)
 - 4.3. Describe the mechanism of action of organophosphate. (10 Marks)
 - 4.4 Explain the clinical manifestations of organophosphate poisoning. (50 marks)

Allied Health Sciences