



**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FACULTY OF ALLIED HEALTH SCIENCES**  
**Second Year First Semester Examination in BScHons(Nursing) – 2022/Proper 16<sup>th</sup> Batch**

**NURPH 2173 PHARMACOLOGY I**

**Date: 13.12.2023**

**Time: 02 Hours**

**ANSWER ALL FOUR QUESTIONS**

**Marks allotted to each question is indicated in brackets**

1. 1.1 Name the first line antituberculosis agents. (15 Marks)
- 1.2 Mention the treatment regimen for the category 1 pulmonary tuberculosis. (10 Marks)
- 1.3 Mention two (02) adverse effects of medications mentioned in 1.1. (30 Marks)
- 1.4 Write the rationale of the following in the management of tuberculosis.
  - 1.4.1 Directly observed therapy. (15 Marks)
  - 1.4.2 Fixed dose combination. (15 Marks)
  - 1.4.3 Multi drug therapy. (15 Marks)
  
2. 2.1 Classify the medications acting on autonomic nervous system. Give two (02) examples for each class. (30 Marks)
- 2.2 Mention two (02) therapeutic uses for each class mentioned in 2.1. (20 Marks)
- 2.3 Mention the clinical manifestations of organophosphate poisoning and explain the pharmacological basis for these clinical manifestations. (50 Marks)
  
3. 3.1 List five (05) different classes of the antihypertensive agents. Give two (02) examples for each class. (30 Marks)
- 3.2 Explain how each class of the medications mentioned in 3.1 reduce the blood pressure. (40 Marks)
- 3.3 List two (02) important adverse effects of each class of medication mentioned in 3.1. (15 Marks)
- 3.4 Name three (3) antihypertensives that can be given during pregnancy. (15 Marks)
  
4. Write an account on
  - 4.1 bioavailability of medications. (40 Marks)
  - 4.2 advice to patients on sublingual glyceryl trinitrate tablets. (30 Marks)
  - 4.3 acyclovir. (30 Marks)