

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**BACHELOR OF SCIENCE IN NURSING**  
**FIRST YEAR SECOND SEMESTER EXAMINATION- AUGUST 2016**

**NURPH 1293 PHARMACOLOGY I – Paper II**

**Date: 15.08.2016**

**Time: 02 hours**

ANSWER ALL THE FOUR QUESTIONS

1. Write an account on
  - 1.1. hepatic first-pass metabolism. (40 Marks)
  - 1.2. fixed-dose combinations. (30 Marks)
  - 1.3. enzyme induction. (30 Marks)
  
2.
  - 2.1. List the first-line anti-tuberculosis drugs. (20 Marks)
  - 2.2. Describe the adverse effect of each of the drug mentioned in 2.1. (50 Marks)
  - 2.3. Explain the precautions need to be taken when anti-tuberculosis drugs are prescribed. (30 Marks)
  
3.
  - 3.1. Explain the pharmacological basis for the clinical manifestations of organophosphate poisoning. (60 Marks)
  - 3.2. Describe the
    - 3.2.1. general management of organophosphate poisoning. (20 Marks)
    - 3.2.2. specific management of organophosphate poisoning. (10 Marks)
  
4.
  - 4.1. Name two (02) commonly prescribed antidepressants with different mechanism of action. (10 Marks)
  - 4.2. Briefly describe the mechanism of actions of the drugs mentioned in 4.1. (30 Marks)
  - 4.3. Describe the adverse effects of the above-mentioned antidepressants. (40 Marks)
  - 4.4. List the indications for antidepressants. (20 Marks)