

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**BACHELOR OF SCIENCE IN NURSING**  
**SECOND YEAR FIRST SEMESTER EXAMINATION–August 2017**  
**PHARMACOLOGY I – NURPH 2143**

**Paper II**

**Date: 21.08.2017**

**Time: 02 hours**

ANSWER ALL FOUR QUESTIONS

1. Write an account on
  - 1.1. enzyme induction. (30 Marks)
  - 1.2. systemic bioavailability. (40 Marks)
  - 1.3. type A adverse drug reaction. (30 Marks)
  
2.
  - 2.1. List the first-line anti-tuberculosis drugs. (20 Marks)
  - 2.2. Describe the adverse effects of the drugs mentioned in 2.1. (50 Marks)
  - 2.3. What precautions need to be taken to prevent or minimize the adverse effects mentioned in 2.2.? (30 Marks)
  
3.
  - 3.1. Name three (03) commonly prescribed diuretics with different mechanisms of action. (15 Marks)
  - 3.2. Briefly describe the mechanism of action of the drugs mentioned in 3.1. (30 Marks)
  - 3.3. Describe the adverse effects of above-mentioned diuretics. (30 Marks)
  - 3.4. Explain the measures need to be taken to reduce the above-mentioned adverse effects. (25 Marks)
  
4. Briefly describe the pharmacological properties of the following drugs.
  - 4.1. Sublingual glyceryltrinitrate (30 Marks)
  - 4.2. Propranolol (30 Marks)
  - 4.3. Warfarin (40 Marks)