

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**BACHELOR OF PHARMACY**  
**TIRD YEAR SECOND SEMESTER EXAMINATION– FEBRUARY 2014**  
**PHARMACOLOGY & PHARMACOTHERAPY IV – PHACL 3201**  
**Paper II**

**Date: 10.03.2014**

**Time: 02 hours**

**ANSWER ALL THE FOUR QUESTIONS**

1.
  - 1.1. Describe the mechanism of action of morphine. (20 Marks)
  - 1.2. Name the different preparations of morphine. (20 Marks)
  - 1.3. List the indications of morphine. (20 Marks)
  - 1.4. Explain the adverse effects of morphine. (40 Marks)
  
2.
  - 2.1. Name three (03) commonly prescribed antiepileptic drugs. (30 Marks)
  - 2.2. Describe the mechanisms of action of the drugs mentioned in 2.1. (30 Marks)
  - 2.3. What are the adverse effects of the above-mentioned drugs? (30 Marks)
  - 2.4. Name the most suitable antiepileptic for the treatment of tonic clonic seizure in children. (10 Marks)
  
3.
  - 3.1. Briefly describe the mechanisms of action of classical and atypical antipsychotics. (20 Marks)
  - 3.2. Name two (02) commonly used
    - 3.2.1. classical antipsychotics. (10 Marks)
    - 3.2.2. atypical antipsychotics. (10 Marks)
  - 3.3. What are the advantages of atypical antipsychotics over classical antipsychotics. (30 Marks)
  - 3.4. Explain the adverse effects of antipsychotics. (30 Marks)
  
4. Write an account on
  - 4.1. nitrous oxide. (30 Marks)
  - 4.2. succinylcholine. (30 Marks)
  - 4.3. Benzodiazepines. (40 Marks)