

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**SECOND EXAMINATION FOR MEDICAL DEGREES PART II (1<sup>ST</sup>) — August 2014**  
**Pharmacology Paper II (old)**

Date: 07.08.2014

Time: 02 hours

**ANSWER ALL THE FOUR QUESTIONS**

1.
  - 1.1. Define the term "adverse drug reaction". (10 marks)
  - 1.2. List three (03) potentially harmful effects of drugs (other than adverse drug reactions). (15 marks)
  - 1.3. List five (05) reasons for the need of post-marketing surveillance of drugs. (25 marks)
  - 1.4. Explain briefly why penicillin-induced anaphylactic shock is classified as Type **B** adverse reaction. (20 marks)
  - 1.5. Explain briefly why safety of medicines is different in children compared to adults. (30 marks)
2.
  - 2.1. Give two (02) example for
    - 2.1.1. direct acting cholinomimetics. (10 marks)
    - 2.1.2. indirect acting cholinomimetics. (10 marks)
  - 2.2. List four (04) indications of cholinomimetics. (20 marks)
  - 2.3. Explain the clinical manifestations of organophosphate poisoning. (30 marks)
  - 2.4. Describe the drug treatment of organophosphate poisoning. (30 marks)
3.
  - 3.1. Give three (03) reasons for considering methotrexate as a first-line disease modifying antirheumatoid drug. (15 marks)
  - 3.2. List the adverse effects of methotrexate. (20 marks)
  - 3.3. What precautions would you take when prescribing methotrexate? (20 marks)
  - 3.4. List four (04) contraindications for methotrexate therapy. (20 marks)
  - 3.5. List the circumstances where corticosteroids are indicated in the treatment of rheumatoid arthritis. (25 marks)
4. Write an account on
  - 4.1. ACE inhibitors (30 marks)
  - 4.2. Treatment of amoebiasis. (30 marks)
  - 4.3. Hormonal contraception. (40 marks)