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UNIVERSITY OF JAFFNA, SRI LANKA

BACHELOR OF PHARMACY

THIRD YEAR SECOND SEMESTER EXAMINATION–JANUARY 2013

PHARMACOLOGY IV – PHACL 3201 (Old Syllabus)

Paper II

Date: 19.02.2013

Time: 02 hours

ANSWER ALL THE EIGHT QUESTIONS

1.
  - 1.1. Name 2 groups of antibiotics that could be used in the treatment of urinary tract infection in pregnancy. (20 Marks)
  - 1.2. What are the adverse effects of the groups of antibiotics mentioned in 1.1 (40 Marks)
  - 1.3. Name 2 antibiotics that must be avoided in pregnancy. Give reasons. (40 Marks)
  
2.
  - 2.1. Name 3 commonly prescribed antimalarial agents in Sri Lanka. (30 Marks)
  - 2.2. List the adverse effects of the drugs mentioned in 2.1. (30 Marks)
  - 2.3. Describe the chemoprophylaxis of malaria. (40 marks)
  
3.
  - 3.1. List the drugs that are used in the treatment of heart failure. (40 Marks)
  - 3.2. Explain the pharmacological basis for using the drugs mentioned in 3.1 in the treatment of heart failure. (60 Marks)
  
4.
  - 4.1. List the drugs that are used in the treatment of acute severe asthma. (40 Marks)
  - 4.2. Name the appropriate dosage form of each drug mentioned in 4.1 in the treatment of acute severe asthma. Give reasons. (60 Marks)



- 5.
- 5.1. Name the drugs that are used in the eradication of *H. pylori*. (30 Marks)
  - 5.2. Explain the pharmacological basis for using triple therapy in the eradication of *H. pylori*. (50 Marks)
  - 5.3. Name the most appropriate drug used in the treatment of
    - 5.3.1. NSAID-induced peptic ulcer. (10 Marks)
    - 5.3.2. peptic ulcer in pregnancy. (10 Marks)
- 6.
- 6.1. List 5 indications for soluble insulin. (30 Marks)
  - 6.2. What are the adverse effects of injectable insulin (30 Marks)
  - 6.3. What advice would you give to a patient while dispensing injectable insulin? (40 marks)
- 7.
- 7.1. Name 3 commonly prescribed antiepileptic drugs. (30 Marks)
  - 7.2. What are the adverse effects of the drugs mentioned in 7.1 (40 Marks)
  - 7.3. Mention the antiepileptic of choice for
    - 7.3.1. grand mal. (10 Marks)
    - 7.3.2. petit mal. (10 Marks)
    - 7.3.3. partial seizure. (10 Marks)
8. Explain the pharmacological basis for using
- 8.1. Combination of carbidopa and levodopa in the treatment of Parkinsonism. (50 Marks)
  - 8.2. Neostigmine in the treatment of myasthenia gravis. (50 Marks)