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UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
FOURTH YEAR FIRST SEMESTER EXAMINATION – NOV 2014
PHACP 4102 CLINICAL PHARMACY



Date: 25.11.2014

Time: 2 hours

ANSWER ALL THE SIX QUESTIONS.

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- 1 1.1 Define 'Clinical Pharmacy'. (15 Marks)
- 1.2 Write the instructions which need to be given to the patients when dispensing the following drugs. (05 Marks)
- 1.2.1 Aspirin (05 Marks)
- 1.2.2 Diazepam (05 Marks)
- 1.2.3 Insulin
- 1.3 What is meant by "teratogenicity". (10 Marks)
- 1.4 Name 3 drugs that are known as teratogens. (15 Marks)
- 1.5 Describe the basic components of clinical pharmacy practice. (45 Marks)
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- 2 2.1 Classify the medication errors. (20 Marks)
- 2.2 What precautionary measures should be taken by a clinical pharmacist to reduce medication errors? (30 Marks)
- 2.3 Briefly explain the reasons for patient non-compliance. (50 Marks)
- 3 3.1 What is meant by therapeutic drug monitoring? (20 Marks)
- 3.2 Explain the clinical uses of therapeutic drug monitoring. (55 Marks)
- 3.3 Name five (05) drugs for which therapeutic drug monitoring is recommended. (25 Marks)
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- 4 4.1 Define the term 'Pharmacovigilance'. (20 Marks)
- 4.2 What are the importances of 'Pharmacovigilance'? (30 Marks)
- 4.3 Describe the role of a clinical pharmacist in reporting the Adverse Drug Reactions? (50 Marks)

- 5 5.1 Define the following terms.
- 5.1.1 Drug abuse. (10 Marks)
 - 5.1.2 Drug habituation. (10 Marks)
 - 5.1.3 Drug tolerance. (10 Marks)
- 5.2 Give the drug dependence and its treatment for the following drugs :
- 5.3.1 Barbiturates. (30 Marks)
 - 5.3.2 Alcohol. (40 Marks)
- 6 6.1 What is toxicology? (20 Marks)
- 6.2 Classify the poisons with examples. (30 Marks)
- 6.3 Describe the role of antidotes in the management of poisoning. (50 Marks)