

Faculty of Medicine, University of Ruhuna, Galle Third Examination for Medical Degrees (part II) - October 2004 Pharmacology - Paper 1

1.1 Describe briefly the toxicology tests that are done in animals when a new drug is developed. 1.2 Describe the ethical aspects to be considered when designing and conducting a controlled clinical trial of a drug. 1.3 Outline the different mechanisms by which drug interactions can occur inside the body. Give one example for each mechanism. 2.0 2.1 Name one drug you would select to treat each of the following conditions. (15 mark 2.1.1 Atrial fibrillation 2.1.2 Post- partum haemorrhage 2.1.3 Renal colic Cive reasons for your selection in 2.1 including the mechanism of action. (45 mark 2.3 How are the drugs administered? (10 mark 2.4 List the important adverse effects of the drugs mentioned. (30 mark 3.2 Captopril in the management of thyrotoxicosis. (30 mark 3.3 Neomycin in the management of congestive cardiac failure. (40 mark 3.3 Neomycin in the management of hepatic encephalopathy. (30 mark 3.4 List 1 Name three drugs that should be avoided during pregnancy. (15 mark 4.1.2 Select suitable drugs for the following diseases in pregnancy giving reasons. (15 mark 4.1.2.2 Diabetes mellitus (15 mark 4.1.2.3 Adrenal gland insufficiency (15 mark 4.1.2.4 Adrenal gland insuff				2 hours
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