

Original



UNIVERSITY OF RUHUNA - FACULTY OF MEDICINE
ALLIED HEALTH SCIENCES DEGREE PROGRAMME
SECOND BPHARM PART II EXAMINATION - JUNE 2015

14

PH 2232: PHRAMACOLOGY II (SEQ)

TIME: TWO HOURS

INSTRUCTIONS

- Answer all questions.
- No paper should be removed from the examination hall.
- Marks will be deducted for illegible handwriting.
- Do not use any correction fluid.

1.

1.1. Indicate the therapeutic goals of anticonvulsant therapy. (20 marks)

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1.2. Indicate advice you would like to give to a patient who is given phenytoin for management of generalized fits. *(20 marks)*

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1.3. Select a most suitable drug for the following patients giving explanations for your selection

1.3.1. Child with absence seizure *(05 marks)*

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1.3.2. Pregnant mother with tonic clonic seizure *(05 marks)*

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1.4. Compare the drug action and therapeutic effects of aspirin with celecoxib. (30 marks)

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1.5. Explain the reasons for taking precautions for NSAID usage in renal impairment. (20 marks)

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2.2 List precautions you would like to take before handing over diclofenac potassium prescribed to a patient who is on antihypertensive medication. (25 marks)

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2.3. State pharmacological reasons for diazepam possessing short biological half life and prolonged plasma half life in a human being. (25 marks)

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3.3. Compare and contrast benzodiazepines and barbiturates

(50 marks)

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4. A 32-year-old female was treated with aspirin, metoclopramide and diazepam for an acute attack of migraine.

4.1. If she did not respond to the above drugs, write **two (02)** other drugs which could be used to treat the patient. *(10 marks)*

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4.2. List the advice you would like to give to the patient in order to prevent subsequent attacks. *(20 marks)*

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4.3. List **five (05)** groups of drugs which can be used as prophylaxis of migraine. *(20 marks)*

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4.3. State the mode of action of clozapine. Indicate **two (02)** precautions you would like to take at dispensing of this drug. *(25 marks)*

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4.4. List the advice you give and precautions you take to a patient who was prescribed with lithium for the management of manic depressive psychosis. *(25 marks)*

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