



33 - Proper

Index number..... M/198 ✓

UNIVERSITY OF RUHUNA – FACULTY OF MEDICINE  
THIRD EXAMINATION FOR MEDICAL DEGREES (PART II) – SEPTEMBER 2014  
PHARMACOLOGY PAPER I

Answer all questions.

2½ HOURS

Time – 9.00 a.m. – 11.30 a.m

Answer each part in a separate book.

Part A

1.

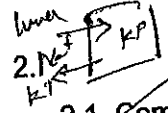
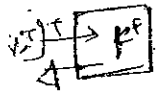
- 1.1. Regarding verapamil, (20 marks)
  - 1.1.1. ✓ briefly describe the mode of action. (15 marks)
  - 1.1.2. ✓ list three therapeutic indications. (15 marks)
  - 1.1.3. ✓ list two contraindications. (15 marks)

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1.2. Explain the pharmacological basis of selecting furosemide over hydrochlorothiazide to reduce the sodium and water retention in congestive cardiac failure. CHF (30 marks)

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1.3. Explain the reasons for doing therapeutic drug monitoring for digoxin. (20 marks)



2.1. Compare the mode of action and therapeutic advantages of clozapine over phenothiazine in the treatment of schizophrenia. (30 marks)

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- 2.2. Lists the drugs used in
  - 2.2.1. ✓ acute treatment of migraine. (10 marks)
  - 2.2.2. ✓ induction of general anesthesia. (10 marks)
  - 2.2.3. ✓ unstable angina. (10 marks)
  - 2.2.4. ✓ parkinsonism to reduce rigidity and bradykinesia. (10 marks)

2.3. Describe the pharmacological basis of using infliximab in rheumatoid arthritis. (30 marks)

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colchicine

D MARRS

