

April 2000

[KB 544]

Sub. Code : 4065

SECTION B

SECOND M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)
(Revised Regulations)

Paper V — PHARMACOLOGY — I

Time : Three hours Maximum : 100 marks

Two and a half hours Sec. A & Sec. B : 70 marks

or Sec. A and Sec. B SEP 2000 Section C : 30 marks

Section C must be answered separately on the answer sheet provided.

Answer ALL questions.

SECTION A

1. (a) Classify the drugs used in cardiac failure. (3)
(b) Discuss the mechanism of action and pharmacological actions of Digitalis. (7)
(c) Mention its adverse effects. (2)
(d) Describe its therapeutic uses. (3)
2. Write briefly on : (4 × 5 = 20)
 - (a) Nasal decongestants
 - (b) Ketamine
 - (c) Drugs used in status epilepticus
 - (d) Carbonic anhydrase inhibitors.

3. (a) Classify the opioid analgesics. (2)
(b) Discuss the pharmacological actions of Morphine. (6)
(c) Mention the therapeutic uses of Morphine. (3)
(d) Describe the clinical features of acute morphine poisoning and its treatment. (4)
4. Write briefly on : (4 × 5 = 20)
 - (a) Mast cell stabilisers
 - (b) Pancuronium
 - (c) Drugs used for Migraine prophylaxis
 - (d) Atypical antipsychotics.

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Time : Three hours Maximum : 100 marks
Two and a half hours Sec. A & Sec. B : 70 marks
for Sec. A & Sec. B Section C : 30 marks

Answer Sections A and B in separate Answer books.

Answer Section C in the answer sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

SECTION A

1. (a) Classify the drugs used in the treatment of Epilepsy. (4)
- (b) Write the mechanism of action of Diphenyl hydantoin sodium. (7)
- (c) Write the adverse effects of Diphenyl hydantoin. (4)

2. Write briefly on :
 - (a) Plasma Expanders
 - (b) 5 HT Antagonists
 - (c) Iatrogenicity
 - (d) Thrombolytic drugs.

SECTION B

3. (a) What is a Drug Receptor?
 - (b) Enumerate Beta adrenergic receptor blockers (3)
 - (c) Write the therapeutic uses of Beta blockers. (5)
 - (d) Write the adverse effects and contra-indications of Non Cardio selective beta blockers. (5)
4. Write briefly on : (4 × 5 = 20)
 - (a) Losartan
 - (b) Drug therapy of status asthmaticus
 - (c) Imipramine
 - (d) Frusemide.