

April 2000

[KB 545]

Sub. Code : 4066

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

(Non-Semester)

(Revised Regulations)

Paper VI — PHARMACOLOGY — II

Time : Three hours Maximum : 100 marks

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

for Sec. A and Sec. B Section C : 30 marks

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

SECTION A

1. (a) Enumerate all the drugs used in the treatment of tuberculosis. (3)
- (b) Discuss the mechanism of action, adverse effects, drug interactions and other uses of any two commonly used antitubercular drugs. (7)
- (c) Define Bacterial resistance. Discuss the various methods by which bacteria become resistant to antimicrobials with suitable examples. (5)

2. Write briefly on : (4 × 5 = 20)

- (a) Metronidazole
- (b) Ketoconazole
- (c) Immunosuppressants
- (d) Chemoprophylaxis.

SECTION B

3. (a) Classify antithyroid drugs with examples. (2)
- (b) Discuss the mechanism of action, adverse effects, advantages and limitations of all antithyroid drugs. (8)
- (c) Discuss with reasons the management of a case of thyroid storm. (5)

4. Write briefly on : (4 × 5 = 20)

- (a) Oral contraceptive pills
- (b) Prednisolone
- (c) Metoclopramide
- (d) d-penicillamine.

October-2000

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Paper VI — MEDICAL PHARMACOLOGY — II

Time : Three hours Maximum : 100 marks

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

for Sec. A and Sec. B Section C : 30 marks

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

SECTION A

1. (a) Classify Tetracyclines. (2)
- (b) Mention the anti-bacterial spectrum of Tetracyclines. (2)
- (c) Discuss briefly the mechanism of action of Tetracyclines. (7)
- (d) Write briefly the adverse effects of Tetracyclines. (4)

2. Write briefly on : (4 × 5 = 20)
 - (a) Agents lowering serum lipids
 - (b) Oxytocics
 - (c) Immuno suppressants
 - (d) H₂ Receptor antagonists.

SECTION B

3. (a) Classify anti-fertility agents. (2)
 - (b) Mention the methods of administration of oral contraceptives. (2)
 - (c) Discuss in detail the mechanism of action of oral contraceptives. (7)
 - (d) Write briefly the important adverse effects of oral contraceptives. (4)
4. Write briefly on : (4 × 5 = 20)
 - (a) Mefloquine
 - (b) Antitussives
 - (c) Oral hypoglysemic agents
 - (d) Drugs used in AIDS.