

F 2986

(Pages : 2)

Reg. No.....

Name.....



SECOND PROFESSIONAL M.B.B.S. DEGREE (ADDITIONAL BATCH)
EXAMINATION, FEBRUARY 2012

PHARMACOLOGY—Paper I

Time : One Hour and Fifty Minutes

Maximum : 34 Marks

*Answer Sections A-II and B in separate answer-books.
Draw labelled diagrams wherever necessary.*

Section A-II

III. Classify drugs used in Angina Pectoris. Write the Mechanism of Action, Two Uses and Two Adverse effects of Nitrates.

(2 + 1 + ½ + ½ = 4 marks)

IV. Write the Pharmacological Basis for the use of following :—

- 1 Lignocaine in Ventricular Tachyarrhythmia.
- 2 Levodopa in Parkinsonism.
- 3 Lithium in bipolar disorder.
- 4 Thiazides in Hypertension.

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Drug Metabolism.
- 2 Verapamil.
- 3 Propranolol.

(3 × 2 = 6 marks)

Section B

VI. Rimi, 35 Years was admitted to the hospital with symptoms and signs of abnormal behaviour, disorders of thought, delusion and hallucinations. The Diagnosis was Schizophrenia.

- 1 Name Three drugs used for this patient.
- 2 Write the Mechanism of Action and *two* adverse effects of one drug.
- 3 Mention *two* advantages of Atypical Antipsychotics.
- 4 Name *two* different groups of drugs used for Depression.
- 5 Mention their Mechanism of Action and Two adverse effects.

(1½ + 1½ + 1 + 1 + 3 = 8 marks)

Turn over

VII. Explain the Pharmacological Basis of using :

- 1 Ethosuximide in Petit mal Epilepsy.
- 2 Terazosin in Prostate hypertrophy.
- 3 Isoprenaline in Heart Block.
- 4 Pilocarpine in Glaucoma.

(4 × 1 = 4 marks)

VIII. Write briefly on :

- | | |
|------------------|----------------|
| 1 Isoflurane. | 2 Alteplase. |
| 3 Carbamazepine. | 4 Montelukast. |

(4 × 2 = 8 marks)