



**SECOND PROFESSIONAL M.B.B.S. DEGREE (ADDITIONAL BATCH)
EXAMINATION, MARCH 2011**

Paper I—PHARMACOLOGY

Time : 1 Hour and 50 Minutes

Maximum : 34 Marks

Answer Sections A-II and B in separate answer books.

Draw diagrams wherever necessary.

Section A-II

- II. Classify Nonsteroidal Antiinflammatory drugs. Write the mechanism of Action, Two Uses and Two Adverse effects of Aspirin.

(2 + 1 + ½ + ½ = 4 marks)

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

- 1 Timolol in Glaucoma.
- 2 Heparin in Venous thrombosis.
- 3 Selegiline in Parkinsonism.
- 4 Atropine in Organophosphorus poisoning.

(4 × 1 = 4 marks)

- V. Write short notes on :

- 1 Pharmacogenetics.
- 2 Selective serotonin reuptake inhibitors.
- 3 Sodium Valproate.

(3 × 2 = 6 marks)

Section B

- VI. Reena, 51 years, was admitted to the hospital with Signs and Symptoms of Headache, Dizziness and Palpitation. The blood pressure was 160/100 mm Hg. The Diagnosis was Hypertension.

- 1 Write Four Groups of drugs used for this patient.
- 2 Write their Mechanism of Action.
- 3 Name two Antihypertensive drugs used in Pregnancy.
- 4 Write one drug causing Hypertension.
- 5 Write one drug used in Hypertensive Emergencies.

(2 + 4 + 1 + ½ + ½ = 8 marks)

Turn over

VII. Explain the Pharmacological basis of using :

- 1 Nitrates in Angina.
- 2 Diazepam in Anxiety.
- 3 Neostigmine in Myasthenia gravis.
- 4 Adenosine in PSVT.

(4 × 1 = 4 marks)

VIII. Write briefly on :

- 1 Lignocaine.
- 2 Furosemide.
- 3 Phenytoin.
- 4 Abciximab.

(4 × 2 = 8 marks)