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Reg. No.....

Name.....



SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION
SEPTEMBER 2010

PHARMACOLOGY—Paper I

Time : One Hour and Fifty Minutes

Maximum : 34 Marks

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

Section A-II

1. Classify Anti Arrhythmic drugs. Write the mechanism of action, two uses and two adverse effects of Phenytoin.

(2 + 1 + ½ + ½ = 4 marks)

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

- 1 Adrenaline in Anaphylaxis.
- 2 Aspirin in Myocardial infarction.
- 3 Sodium cromoglycate in allergic asthma.
- 4 Oximes in Organophosphorus poisoning.

(4 × 1 = 4 marks)

- V. Write short notes on :

- 1 Teratogenicity.
- 2 Selective COX-2 inhibitors.
- 3 Lisinopril.

(3 × 2 = 6 marks)

Section B

- VI. Rohit, 57 years, was admitted to the hospital with Signs and symptoms of rigidity, tremor and reduced mobility. The diagnosis was Parkinsonism.

- 1 Write four groups of drugs used for this patient.
- 2 Write their mechanism of action.
- 3 Name the drug used for induced Parkinsonism.
- 4 Write one drug causing Parkinsonism.

(2 + 4 + ½ + ½ + 1 = 8 marks)

- VII. Explain the Pharmacological basis of using :

- 1 Ethyl alcohol in Methyl alcohol poisoning.
- 2 Succinyl choline for endotracheal intubation.
- 3 Furosemide in Pulmonary edema.
- 4 Digoxin in cardiac failure.

(4 × 1 = 4 marks)

- VIII. Write briefly on :

- | | |
|---------------|---------------|
| 1 Diazepam | 2 Fluoxetine. |
| 3 Lamotrigine | 4 Halothane. |

(4 × 2 = 8 marks)