

## SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, MAY 2006

## PHARMACOLOGY—Paper II

(New Scheme)

Maximum : 32 Marks

Time : 1 Hour and 30 Minutes

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

## Section A-II

III. Draw a schematic diagram of the cell cycle and mark the Site of Action of :

- 1 Vinblastine.
- 2 Paclitaxel.

 $(\frac{1}{2} + \frac{3}{4} + \frac{3}{4} = 2 \text{ marks})$ 

IV. Explain the pharmacological basis of the following :—

- 1 Omeprazole in Peptic ulcer.
- 2 Ergometrine in Post Partum Haemorrhage.
- 3 Lamivudine in AIDS.
- 4 Repaglinide in Type 2 Diabetes.

 $(4 \times 1 = 4 \text{ marks})$ 

V. Write short notes on :

- 1 Cefpirome.
- 2 Dexamethasone.
- 3 Danazol.

 $(3 \times 2 = 6 \text{ marks})$ 

## Section B

VI. A 30 year old Male Patient was admitted to the hospital with Fever, Rigor and Splenomegaly. The Diagnosis was Malaria.

- 1 Mention the Drug used with Dosage schedule.
- 2 Mention the Mechanism of Action.
- 3 Mention the Treatment Schedule of Cerebral Malaria.
- 4 Mention two Drugs used for causal prophylaxis.
- 5 Mention two Drug combinations used in Malaria.

 $(2 + 1 + 3 + 2 + 2 = 10 \text{ marks})$ 

Turn over

VII. Mention *two* uses and *two* adverse effects of :

- 1 Ciprofloxacin.
- 2 Gentamicin.
- 3 Tinidazole.
- 4 Methotrexate.

(4 × 1 = 4 marks)

VIII. Write short notes on :

- 1 Insulin resistance.
- 2 Itraconazole.
- 3 Cyclosporine.

(3 × 2 = 6 marks)