

VII. Write *two* uses and *two* adverse effects of the following :—

- | | |
|-----------------|-----------------------|
| 1 Zidovudine. | 2 Methotrexate. |
| 3 Cyclosporine. | 4 Clomiphene Citrate. |

(4 × 1 = 4 marks)

VIII. Write short notes on :

- 1 Management of diabetic ketoacidosis.
- 2 Ovulation inducing agents.
- 3 Allopurinol.
- 4 Bisphosphonates.

(4 × 2 = 8 marks)

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(Pages : 2)

Reg. No.....

Name.....

SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, APRIL 2008
PHARMACOLOGY—Paper II

Time : One Hour and a Half

Maximum : 32 Marks

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

Section A-II

III. Draw a schematic diagram of thyroid hormone synthesis and mark the site of action of :

- 1 Carbimazole.
- 2 Iodides.

(1 + ½ + ½ = 2 marks)

Write the Pharmacological basis of the following :—

- 1 Scopolamine in motion sickness.
- 2 Oxytocin for induction of labour.
- 3 Primaquine in vivax Malaria.
- 4 Metronidazole and Diloxanidefluroate in Amoebic dysentery.

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Prokinetic drugs.
- 2 Tocolytics.
- 3 Cotrimoxazole.

(3 × 2 = 6 marks)

Section B

VI. Reena (35) on oral prednisolone for the past 2 years developed viral fever following which she became unconscious. BP 80/60 mm Hg diagnosed as acute Addisonian crisis.

- 1 What is the reason for the crisis ? Name the drug of choice with dosage schedule.
- 2 Why do you choose the above drug ? Write 2 methods to avoid such a complication.
- 3 List *two* longer acting glucocorticosteroids with negligible mineralocorticoid activity and *two* inhalational preparations.
- 4 What are the advantages of inhalational steroids ?
- 5 Write briefly on the physiological regulation of steroid synthesis.

(2½ + 1 + 1 + 1 + 2½ = 8 marks)

Turn over