

G 9596



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Reg. No.....

Name.....

SECOND PROFESSIONAL M.B.B.S. DEGREE (SUPPLEMENTARY)
EXAMINATION, JULY 2013

PHARMACOLOGY—Paper II

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 for Tuberculosis. Write the Mechanism of action, two uses and two adverse effects of Rifampicin.

(2 + 1 + ½ + ½ = 4 marks)

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

- 1 Didanosine in HIV infection.
- 2 Artemesinin in Malaria.
- 3 Ranitidine in peptic ulcer.
- 4 Metoclopramide in Vomiting.

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Dexamethasone.
- 2 Tinidazole.
- 3 Levofloxacin.

(3 × 2 = 6 marks)

Section B

VI. Raina, 49 Years, was admitted to the hospital with Fever, hyperventilation, Dehydration and tachycardia. Investigations showed increased blood sugar.

The diagnosis was Diabetic ketoacidosis.

- 1 Name the preferred antidiabetic drug used with route of administration.
- 2 Mention *two* adverse effects of this drug.
- 3 Name *two* different groups of drugs used for type *two* Diabetes.
- 4 Mention their mechanism of action.
- 5 Name *two* drugs causing hyperglycemia.

(1 + 1 + 1 + 2 + 1 = 6 marks)

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

- 1 Chloroquine.
- 2 Cisapride.

Turn over

- 3 Ketoconazole.
- 4 Gentamicin.

(4 × 1 = 4 marks)

VIII. Explain the Pharmacological basis of using :

- 1 Oxytocin in Labour.
- 2 Desferrioxamine in Iron poisoning.
- 3 Ceftriaxone Typhoid fever.
- 4 Albendazole in Ascariasis.

(4 × 1 = 4 marks)

IX. Write briefly on :

- 1 Methotrexate.
- 2 Cotrimoxazole.
- 3 Tamoxifen.

(3 × 2 = 6 marks)