

**Date: 03-01-2018**

**0118 E058**

**Second Year MBBS Examination**

**II MBBS Pharmacology Paper 2**

**Time: 2 hours**

**Max Marks: 40**

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

**Section 1**

**1. Write briefly (any two) (10)**

a) Classify antifungal drugs. List the mechanism of action clinical uses of any systemic agent.

b) Classify insulin analogues based on their duration of action. Describe briefly the pharmacotherapy of hypoglycemic coma

c) Enumerate antimicrobials which are

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bacterial in nature. Describe the clinical uses, mechanism of action and adverse effects of any one agent.

**2. Write briefly (any three) (12)**

- a) Common toxicities of aminoglycosides
- b) Emergency contraceptives
- c) Vitamin D formulations
- d) Drugs used for control of post-partum hemorrhage

**3. Write briefly (any three) (12)**

- a) Current status of DPP 4 inhibitors in diabetes treatment
- b) Cell cycle specific anticancer drugs
- c) Pharmacotherapy of Lepra reactions
- d) Adverse effects with long term systemic corticosteroid therapy

**4. Answer in one or two sentences (any six): (6)**

- a) Radical cure of vivax malaria

- b) Pharmacological basis for use of folic acid for methotrexate toxicity
- c) Protease inhibitors as antiretroviral agents
- d) Oral iron chelating agents
- e) Clinical uses of vitamin K(A. 613, B. 487)
- f) Drugs for visceral Leishmaniasis
- g) Ivermectin
- h) Tyrosine kinase inhibitors as anticancer drugs