

**0712 E029**

**Second Year MBBS Examination  
II MBBS Pharmacology Paper 2**

**Time: 2 hours**

**Date: 05-07-2012**

**Max Marks: 40**

**Instructions:**

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. Give an account of any TWO of the following (10)**

**a) Classify DHA used in management of diabetes. Add a note on acarbose. (A. 270, 277, B. 896)**

**b)** Write mechanism of action, adverse effects and therapeutic uses of penicillins. (A. 716, B. 652)

**c)** Write mechanism of action, pharmacological action, Clinical uses and adverse effect of Omeprazole. (A. 651, B. 621)

**2. Write Short notes of (any three) (12)**

**a)** Write mechanism of sequential inhibition. Write its clinical implications. (A. 706, B. 644)

**b)** Therapeutic uses of estrogen progesterone combination. (A. 321, B. 937)

**c)** Write note on prevention strategy of HIV by drugs (A. 811, B. 733)

**d)** Add note on Lepra reaction (A. 786, 761)

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**3. Discuss Any Three (12)**

**a) Write a note on antithyroid drugs (A. 252, B. 867)**

**b) Write pharmacological action and clinical uses of anabolic steroids (A. 300, B. 993)**

**c) Mechanism of inhibition of bacterial protein synthesis by antibacterials (A.733,739,743,752,8.673,687)**

**d) Explain role of isoniazid in tuberculosis (A. 765, B. 739)/ Isoniazid**

**4. Write Answer to the point in two or three sentences: (any six) (6)**

**a) What is radical cure in malaria? Which drug provides it? (A. 820, B. 765)**

**b) Enumerate insulin preparations and analogues. (A. 263, B. 882)**

**c) Write any two therapeutic uses of chloroquine with rationale. (A. 823, B.**

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- d)** Enumerate two antifungals given topically and two given systemically with their therapeutic use of each. (A. 796, B. 699)
- e)** Write three adverse effects and their management, caused due to anticancer drugs. (A.858,8.817,831)
- f)** Write difference between different preparations of Vitamin D. (A. 340, B. 991)
- g)** Write difference between prokinetic and antiemetic. (A. 662, B. 590)
- h)** Write three ovulation inducing agents and their two uses. (A. 241, B. 963)