

**Date: 04-01-2013**

**0113 E015**

**Second Year MBBS Examination**

**II MBBS Pharmacology Paper 2**

**Time: 2 hours**

**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**

- a) The rationale of mifepristone and misoprostol in medical termination of pregnancy. (10)  
(A. 320, B. 962)
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b) Enumerate first line of antitubercular drugs and comment on their use in different regimens employed in the treatment of this disease. (A. 765, B. 739)

c) Enumerate and briefly comment on the status on the use of drugs belonging to incretin-mimetic and insulin-sensitizers in diabetes mellitus. (A. 273, B. 899)

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

a) Drugs for osteoporosis (A. 314, 337, (12) 340, 343, B. 940)

b) Pharmacological basis of use of folic acid in pregnancy and certain cases of coronary heart disease. (A. 610, B. 507)

c) Drugs for enteric fever (A. 712, B. 696)

d) Drugs for cerebral malaria (A. 826, B. 778)

## **3. Discuss Any Three**

a) Mechanism of action and (12)  
pharmacological uses of Metronidazole (A. 837, B. 784)

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b) Mechanism of action and uses of

different classes of antiemetic drugs (A. 662, B. 589)

c) Mechanism and uses of antimetabolite anticancer drugs (A. 862, B. 820)

d) Mechanism and limitation iodide salt as antithyroid agent (A. 254, B. 868)

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

a) Write mechanism of Gray-baby syndrome seen in neonates on chloramphenicol use. (A. 741, B. 694) (6)

b) Explain why linezolid as protein synthesis inhibitor do not show cross-resistance to other Antibiotics which act via inhibition of bacterial protein synthesis? (A. 758, B. 671)

c) Write antibiotic of choice for perioperative prophylaxis. (A. 702)

d) Pharmacological basis of use of aromatase inhibitors in locally advanced breast cancer. (A.314,8.826)

~~e) GnRH agonists are used in the treatment~~

of precocious puberty in both boys and girls. (A. 242, B.928)

f) Pharmacological basis of use of desmopressin in a variety of hemorrhagic conditions. (A. 597, B.488)

g) How renal toxicity of cisplatin is prevented by amifostine? (A. 876, B. 829)

h) Write mechanism of action of acyclovir as anti-herpes drug. (A. 799, B. 798)

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