

**Date: 04-01-2012**

**0112 E009**

**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 (10)**

a) Explain the mechanism of action and

---

adverse effects of oral anti-diabetic drugs

(A. 270, B. 896)

b) Describe the management of Typhoid fever (A. 712, B. 696)

c) List important differences between Heparin and Warfarin (A. 624, B. 474)

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

a) Mention the dosage schedule for category 3 patient with tuberculosis & write their specific adverse effects (A. 774, B. 751)

b) Explain the advantages and disadvantages of Radioactive Iodine ( $^{131}\text{I}$ ) (A. 255, B. 869)

c) List the clinical uses and adverse effects of Metronidazole (A. 837, B. 784)

d) Explain the clinical uses of Praziquantel (A. 855, B. 813)

### **3. Discuss Any Three**

**(12)**

- a) Explain the mechanism of action and clinical uses of Vinca alkaloids (A. 865, 8.824)
- b) Explain the mechanism of action and clinical uses of Acyclovir (A. 799, B. 798)
- c) Explain the mechanism of action and clinical uses of Fluconazole (A. 793, 704)
- d) Describe the drugs used in the management of Irritable bowel syndrome (A. 673, 675, B. 600)

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

**(6)**

- a) Mention two immune-suppressants and two clinical uses (A. 878, B. 1094)
- b) Mention two third generation cephalosporins and write two specific clinical uses. (A. 727, B. 683)
- ~~c) What is chelating agent? Mention two~~

chelating agents with one use for each. (A. 906, B. 1049)

d) Mention two drugs of different groups used in vomiting with their mechanism of action. (A. 663, 8.589)

e) Mention two inhalation steroids and write two advantages of this route (A. 230, B. 360)

f) Explain the mechanism of oral contraceptives (A. 323, B. 952)

g) Explain the basis for using streptokinase in myocardial infarction (A. 627, B. 406)

h) Mention two Bisphosphonates and write two clinical uses (A. 344, 994)