

**0711 E024**

**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**

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# **1. Give an account of any TWO of the following**

(10)

**a)** Describe the mechanism of action and adverse effects of first line anti-tubercular drugs. (A.765,B. 739)

**b)** Describe management of H. pylori peptic ulcer (A. 657, B. 624)

**c)** Describe basis for combining estrogen with progestin in an oral contraceptive pill. What are the true adverse effects of oral contraceptive pills? (A. 321, B. 951)

## **2. Write Short notes on: (any three)**

(12)

**a)** Treatment of thyroid storm (A. 256, B. 872)

**b)** Uses of chloroquine (A. 821, B.

768)

**c)** Warfarin in deep vein thrombosis  
(A. 624, B. 480)

**d)** Vitamin D in osteoporosis (A. 343,  
B. 994)

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

(12)

**a)** Uses and adverse effects of  
Metronidazole (A. 837, B. 784)

**b)** Compare and contrast Oxytocin and  
Ergometrine (A. 330, B. 627, 630)

**c)** Indications and precautions of  
parenteral Iron therapy (A. 604, B.  
494)

**d)** Topical antifungal agents (A. 796,  
B. 699)

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

(6)

**a)** Name two drugs causing Parkinson's disease. How will you treat drug induced Parkinson's disease?

(A.433, B. 234)

**b)** Mention two methods to curb antimicrobial drug resistance. (A. 693, B. 714)

**c)** Name two tocolytic agents and give one indication of any agent. (A. 333, B. 633)

**d)** What is cotrimoxazole? Give two uses of this drug. (A. 706, B. 644)

**e)** What is the pharmacological basis for use of radioactive iodine in goiter? (A. 255, B. 869)/ Write mechanism of

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action of radioactive iodine ( $^{131}\text{I}$ ) while used to treat hyperthyroidism. Mention one advantage and one disadvantage of  $^{131}\text{I}$  over anti-thyroid drug like propylthiouracil.

**f)** Name two immune-stimulants and give one indication of each. (A. 919, B. 1069)

**g)** Name two fluoroquinolones and give their two therapeutic uses. (A. 709, B. 650)

**h)** Name two antiviral agents. Give their therapeutic use. (A. 799, B. 803)