

**0110 E031**

**Second Year MBBS Examination**

**II MBBS Pharmacology Paper 2**

**Time: 2 hours**

**Max Marks: 40**

**Date: 13-01-2010**

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) Discuss drug treatment of**

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**hypertension (A. 568, B. 425)**

**b) Discuss pharmacotherapy of Parkinsonism (A. 425, B. 225)**

**c) Discuss pharmacotherapy of myasthenia gravis (A. 109, B. 287)**

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

**a) What is meant by first pass metabolism? Give four attributes of drugs with high first pass hepatic metabolism. Give two examples. (A. 27, B. 14) (12)**

**b) Enumerate therapeutic uses and adverse effects of B blockers (A. 147, 8.269)**

**c) Write short note on 'methylxanthines'. (A. 224, B. 183)**

**d) Give four examples of uterine stimulants. Enlist their uses. (A. 329, B.**

627)

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

- a) Define with example "teratogenicity and latrogenicity". (A.89, B.1101)**
- b) Enumerate uses of anticholinergic drugs (A. 118, B. 295)**
- c) Mention indications and adverse effects of furosemide (A. 579, B. 556)**
- d) Classify calcium channel blockers giving example. Enlist their different uses. (A. 546, B. 398)**

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

- a) Give two examples of pharmacokinetic type of drug interactions. (A. 929, B. 2)**
  - b) Give two examples of enzyme inducers. (A. 26, B. 18)**
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- c) Why should morphine be avoided in patients with head injury? (A. 474, B. 152)**
- d) Why adrenaline is used with local anaesthetic? (A. 363, B. 238)**
- e) Mention two advantages of benzodiazepines over barbiturates as hypnotic. (A. 401, 113)**
- f) Give two indications of therapeutic drug monitoring. (A. 34, B. 24)**
- g) Why biliary colic is treated with atropine-morphine combinations?**
- h) Why ace inhibitors should not be combined with potassium sparing diuretics? (A. 502, B. 558)**