

Date: 02-07-2013

0713 E014

Second Year MBBS Examination

II MBBS Pharmacology Paper 1

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) 'p' drug concept (B. 54)

b) Non-epileptic uses of anti-epileptic drugs explaining rationale for each of the use.

c) Mechanism of action pharmacological effects, adverse reactions & therapeutic uses of enalapril (A.502,8.421)

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

a) Clinical significance of enzyme induction with suitable example. (A.26,B.19)/ what is enzyme induction? Name the drugs causing it and its clinical significance.

b) Uses of H₁ antihistaminics. (A. 166, B. 320, 324)

c) Pharmacological basis for uses of prostaglandin analogues in glaucoma (A. 154, B. 1030)

d) Therapy of scorpion bite (B. 1097)

3. Discuss Three

(12)

- a) Pharmacological basis for uses of inhalational steroids in bronchial asthma and their adverse effects. (A. 230, B. 361)**
- b) Mechanism of action, therapeutic uses and adverse reactions of Neostigmine. (A. 105, B. 284)**
- c) Compare and contrast nifedipine and verapamil. (A. 548, B. 399)**
- d) Selective COX-2 inhibitors. (A. 205, B. 175)**

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

(6)

- a) Why aluminium containing antacids are combined with magnesium containing antacids? (A. 655, B. 619)**
 - b) Give rationale for uses of flavoxate in cystitis. (A. 118, 297)**
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- c)** What are the advantages of neurolept analgesia? (B. 104)
- d)** Why leukotriene modifiers are not preferred as rescue drugs in acute attack of asthma? (A.228, 8.360)
- e)** What is the rationale for use of nicotine transdermal patches in chronic smokers? (A. 122, B. 305)
- f)** Explain is the pharmacological basis for use furosemide for pulmonary edema. What is the dose and route of administration? (A. 581, B. 455)
- g)** Why salt depletion should be watched for & prevented in patients taking lithium carbonate? (A.448,8.213)
- h)** Name an antihypertensive of choice in pregnancy. State the reasons for the same. (A. 572, B. 433)