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Second Year MBBS Examination II MBBS Pharmacology Paper 1

Time: 2 hours Max Marks: 40

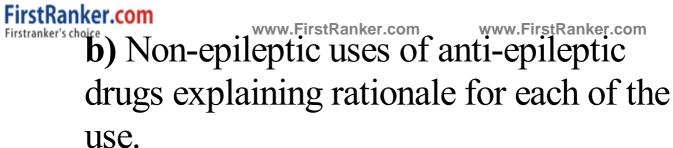
Instructions:

- 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)



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)

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)