

**RUHS Second MBBS (Main) Examination Pharmacology Paper -I****Date: January 2013****Time: 3 hours****Max Marks: 40**

Instructions: Attempt all questions. (Use separate answer sheet for each section)

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**SECTION A**

1. Classify antihistaminic drugs. Discuss the role of leukotriene (LT) modifiers and write the indications of Montelukast.(A.166, B. 320, 324) (08)
2. Explain why: (4 x3 = 12)
  - a) Adrenaline is a lifesaving drug in certain conditions.(A. 87, B. 318)
  - b) Flavoxate is used in bladder dysfunction(A. 118, 297)
  - c) Drug combinations are used in H.Pylori infection(A. 657, B. 624)
  - d) Ketamine is preferred to thiopental for induction of general anaesthesia. (A.383, B. 103)

**SECTION B**

3. Write short notes on; 3+3+4=10
  - a) Essential drug concept (A.5, B. 55)
  - b) Teratogenicity of drugs(A. 89,B.1101,1103)
  - c) Drug antagonism (A. 57, B. 38)
4. Give the suitable answer for the following; (1 x 10 = 10)
  - a) What are advantages of selective serotonin reuptake inhibitors (SSRI) over tricyclic antidepressants? (A. 460, B. 208)
  - b) Aspirin is used in low dose as an antiplatelet drug. (A. 629, B. 170)
  - c) Ranitidine is used as an antiallergic drug.
  - d) Write mechanism of action and important uses of cetrimide
  - e) Write Lignocaine as a local anaesthetic drug. (A. 361, B. 241)
  - f) Name drugs causing Disulfiram like reactions (A. 394, B. 90)
  - g) What is Ondansetron? Mention its use. (A. 668, B. 333)
  - h) What is zero order kinetics? Give suitable examples(A. 30, B. 2)
  - i) Pilocarpine is indicated in acute angle glaucoma why?(A, 155, B. 1028)
  - j) It is advantageous to add the Decarboxylase inhibitors drugs to levodopa in treatment of parkinsonism(A. 429, B. 228)

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