

**RUHS Second MBBS (Main) Examination Pharmacology Paper -I****Date: January 2012****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 ☐ adrenergic receptor blocking agents. Describe their pharmacological actions, therapeutic uses and adverse effects. (08)
2. Write short notes on the following (2 x 3 = 06)
  - a) Proton pump inhibitors (A. 651, B. 621)
  - b) Pre anaesthetic agents (A. 118, 386, B. 105)
  - c) Zero order kinetics (A. 30, B. 2)
3. Describe in brief the drugs used in the treatment of the following; (2 X 4=08)
  - a) Methyl alcohol poisoning (A. 395, B. 93)
  - b) Acute attack of bronchial asthma (A. 228, B. 360)
  - c) Parkinsonism (A. 433, B. 234)
  - d) Anaphylactic shock (A. 87, B. 318)

**SECTION B**

4. Enumerate two common uses and adverse effects of following: (1 x 10 =10)
  - a) Adrenaline (A. 87, 130, B. 258)
  - b) Diazepam (A. 407, B. 111)
  - c) Lithium (A. 447, B. 211)
  - d) Ibuprofen (A. 206)
  - e) Dicyclomine (A. 117, B. 297)
  - f) Allopurinol (A. 216, B. 1036)
  - g) Dopamine (A. 524, B. 263)
  - h) Tramadol
  - i) Prazosin
  - j) Physostigmine (A. 120, B. 295)

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