

Date: 02-07-2015

0715 E016

**Second Year MBBS Examination
II MBBS Pharmacology Paper 1**

Time: 2 hours

Max Marks: 40

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) Classify Sympathomimetic agents. Describe therapeutic uses and adverse effects of Adrenaline. (A.129,130)

b) Define Drug antagonism. Describe different types of drug antagonism with suitable examples. (A.57,8. 38)

c) Classify diuretics. Describe mechanism of action and therapeutic uses of Furosemide. (A. 559, 579)

2. Write Short notes of (any three)

a) Dissociative anesthesia (12)
(A.383)

b) Compare and contrast. Verapamil and Nifedipine. (A.548)

c) Drug treatment of status asthmatics. (A. 233, B. 364)

d) Therapeutic drug monitoring. (A. 34, B. 24)

3. Discuss Any Three (12)

a) Compare and contrast: Aspirin and Paracetamol.

b) Drug treatment of glaucoma.

c) Selective serotonin reuptake inhibitors. (A. 460, B. 208)

d) Pharmacological basis for use of Nitrates in Angina pectoris. Briefly write adverse effects of nitrates

4. Write Answer to the point in two or

three sentences; (any six) (6)

- a)** Why Phenylephrine and not atropine used for fundoscopic examination?
- b)** What is Pharmacological basis for use of Digoxin in atrial fibrillation?
- c)** Why Phenytoin sodium to be avoid in young girls having grand mal epilepsy?
- d)** Why Levo dopa not effective in drug induced Parkinsonism?
- e)** What is the basis of use of Propranolol in thyrotoxicosis?
- f)** Why Chromolyn sodium is not effective in acute attack of bronchial asthma?
- g)** Write two advantages of Angiotensin receptor blockers over ACE inhibitors?(A. 501, B. 422)
- h)** Define partial agonist. Give 1 example.