

Date: 03-07-2012

0712 E014

**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) Describe the methods of prolonging the duration of action of drug with examples. (A. 34, B. 24)

b) Explain pharmacological basis of levodopa in Parkinsonism and explain its advantages & disadvantages. (A. 426, B. 231)

c) Write mechanism of action, pharmacological action, clinical uses and adverse effect of Lignocaine. (A. 361, B. 241)

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

a) Write mechanism of action of digitalis. Write management of its toxicity. (A. 514, B. 445)

b) Therapeutic uses of calcium channel blockers. (A. 550, B. 400)

c) Write note on various heparin preparation and analogues (A. 667, B. 473)

d) Add note on Halothene (A. 379, B. 98)

3. Discuss Any Three

(12)

- a)** Write two beneficial and two harmful drug interaction. (A. 15, B. 63)
- b)** Write mechanism of action and clinical uses of carbolic anhydrase inhibitors (A. 586, B. 551)
- c)** Write clinical uses where propranolol is preferred with justification (A. 149, B. 276)
- d)** Explain the cardiovascular effects of adrenaline, noradrenaline and isoprenaline (A. 130, B. 258)

4. Write Answer to the point in two or three sentences: (any six) (6)

- a)** Give any two examples in which the drug act through its physical property with explanation. (A.37,B. 29)
- b)** Define cumulative toxicity. Give two

examples. (A. 69, B. 40)

c) Write the basis of edrophonium test in myasthenia gravis. (A. 110, B. 286)/ Give reasons: Edrophonium is preferred over neostigmine for diagnosis of myasthenia gravis.

d) Write two drugs used in acute gout with different mechanism of action. (A. 213, B. 286)

e) Define disulfiram like reaction with alcohol. (A. 394, B. 90)

f) Write difference between nifedipine and amlodipine. (A. 549, B. 399)

g) Write prostaglandin analogue used in glaucoma. (A. 154, B. 1029)

h) Write drugs used in acute asthma. (A. 222, B. 356)