

[LB 544]

AUGUST 2012

Sub. Code : 4065

SECOND M.B.B.S. DEGREE EXAMINATION**Paper I – PHARMACOLOGY – I***Q. P. Code : 524065***Time : 180 Minutes****Maximum: 40 Marks**Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Elaborate on:**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|----|----|
| 1. a. Classify the drugs used as peripherally acting skeletal muscle relaxants. | 16 | 30 | 10 |
| b. Discuss in detail the pharmacological actions and toxicity produced by d-Tubocurarine. | | | |
| c. Add a note on the rationale of using Dantrolene sodium in the management of Malignant Hyperthermia. | | | |
| 2. Discuss the role of sympathomimetics in the management of Bronchial asthma. | 8 | 20 | 5 |

II. Write notes on:

- | | | | |
|---|---|---|-----|
| 1. Drug responses in elderly. | 3 | 8 | 1.5 |
| 2. Uroselective α adrenergic blockers. | 3 | 8 | 1.5 |
| 3. Selective 5-HT 1B/1D agonist. | 3 | 8 | 1.5 |
| 4. Mechanism of action and uses of Nimesulide. | 3 | 8 | 1.5 |
| 5. Propofol as an inducing agents. | 3 | 8 | 1.5 |
| 6. Role of Ethyl alcohol in Methyl alcohol poisoning. | 3 | 8 | 1.5 |
| 7. Management of Status Epilepticus. | 3 | 8 | 1.5 |
| 8. Malignant Neuroleptic Syndrome. | 3 | 8 | 1.5 |
| 9. Contraindications for Digitalis use. | 3 | 8 | 1.5 |
| 10. Mechanism of action and uses of Spironolactone. | 3 | 8 | 1.5 |

III. Short answers on:

- | | | | |
|--|---|---|---|
| 1. Citrovorum factor rescue. | 2 | 5 | 1 |
| 2. Heparin Antagonist. | 2 | 5 | 1 |
| 3. 4 extravascular uses of Clonidine. | 2 | 5 | 1 |
| 4. Physiological Antagonism. | 2 | 5 | 1 |
| 5. Dopaminergic agonist in Parkinsonism. | 2 | 5 | 1 |
| 6. Uses of Diazepam. | 2 | 5 | 1 |
| 7. Contraindications for β blockers. | 2 | 5 | 1 |
| 8. Mechanism of action and uses of Nitrendipine. | 2 | 5 | 1 |
| 9. Consequences of Microsomal inhibition. | 2 | 5 | 1 |
| 10. Bupivacaine. | 2 | 5 | 1 |
