

[LB 544]

AUGUST 2012

Sub. Code: 4065

SECOND YEAR M.B.B.S DEGREE EXAM

PHARMACOLOGY – I

Q. P. Code: 524065

Time: 180 Minutes

Maximum: 40 marks

Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|--|----|----|----|
| 1. a. Classify the drugs used as peripherally acting skeletal muscle relaxants. | | | |
| 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. | 16 | 30 | 10 |
| 2. Discuss the role of sympathomimetics in the management of Bronchial asthma. | 8 | 20 | 5 |

II. Write notes on:

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|---|---|---|-----|
| 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:

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|--|---|---|---|
| 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 |
