

**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination – APRIL/MAY 2015

**Time: Three Hours**

**Max. Marks: 100 Marks**

**MD PHARMACOLOGY**  
**PAPER- I**  
**(Revised Scheme)**  
**BASIC AND GENERAL PHARMACOLOGY**  
**Q. P. CODE: 7405**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Discuss the beneficial and harmful effects of drug combinations.
2. Discuss G-Protein-Coupled receptors.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Spectrophotometry
4. Liposomes in drug delivery
5. Drug nomenclature
6. Bioavailability
7. Meta-analysis
8. Volume of distribution of drugs

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**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination – MAY 2015

**Time: Three Hours**

**Max. Marks: 100 Marks**

**MD PHARMACOLOGY**  
**PAPER- II**  
**(Revised Scheme)**  
**SYSTEMIC PHARMACOLOGY - I**  
**Q. P. CODE: 7406**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Discuss the drug therapy of commonly encountered clinical types of Epilepsy.
2. Discuss the drug therapy of angina pectoris.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Third generation beta adrenergic blockers
4. Drug therapy of migraine
5. Phosphodiesterase inhibitors
6. Vasopressin analogues
7. Low Molecular Weight Heparins (LMWHs)
8. Inhalational steroids used in bronchial asthma

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# Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY 2015

[Time: 3 Hours]

[Max. Marks: 100]

**PHARMACOLOGY**  
**SYSTEMIC PHARMACOLOGY - II**  
**PAPER – III (RS)**

**Q.P. CODE: 7407**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAYS**

**2 X 20 = 40 Marks**

1. Discuss the general complications associated with chemotherapy of cancers and their management.
2. Discuss the recent advances in HIV therapy and prevention of transmission.

**SHORT ESSAYS**

**6 X 10 = 60 Marks**

3. Systemic antifungal drugs.
4. Newer Insulins
5. Anabolic Steroids
6. Drug treatment of Kala-Azar.
7. Anti-IgE therapy.
8. Drugs for treatment of Benign Prostatic Hypertrophy (BPH).

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**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination – MAY 2015

Time: Three Hours

Max. Marks: 100 Marks

**MD PHARMACOLOGY**  
**PAPER- IV**  
**(Revised Scheme)**  
**CLINICAL PHARMACOLOGY**  
**Q. P. CODE: 7408**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

**LONG ESSAYS****2 x 20 = 40 Marks**

1. Discuss the prerequisites for New drug application.
2. Discuss the methods used to screen a compound supposed to have analgesic activity.

**SHORT ESSAYS****6 x 10 = 60 Marks**

3. Rabbit as an experimental animal
4. ADR monitoring
5. Institutional human Ethics Committee
6. Informed consent
7. Cost effective analysis
8. Evaluation of anti-diabetic drugs

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