

Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination – MAY 2017

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 principles, methods, advantages and limitations of therapeutic drug monitoring.
2. Discuss with example the influence of pharmacogenetics on therapeutic outcome of drugs.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Preventable adverse drug reactions
4. Kinetics of drug elimination
5. Intracellular receptors
6. Bioequivalence
7. Student's **t**-test
8. Enzyme-immunoassay

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# Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2017

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 Pharmacotherapy of endogenous depression.
2. Discuss the role of Beta adrenergic blockers in therapeutics.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Drugs used in gastroesophageal reflux disease
4. GABA modulators in epilepsy
5. Corticosteroids in asthma
6. Pleiotropic effects of statins
7. Intravenous general anesthetics
8. Potassium sparing diuretics

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Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination - <<>>

Time: Three Hours

Max. Marks: 100 Marks

**MD PHARMACOLOGY**  
**PAPER- III**  
**(Revised Scheme)**  
**SYSTEMIC PHARMACOLOGY - II**  
**Q. P. CODE: 7407**

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 role of hormones in cancer chemotherapy.
2. Discuss the recent advances in the treatment of fungal infections.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Human insulins
4. Immunostimulants
5. Oral contraceptive pills
6. Management of cerebral malaria
7. Mechanism of antibacterial drug resistance
8. Anti-oestrogens

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Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination – JUNE 2017

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. Give an account of modern scientific approach to drug discovery and development.
2. Discuss the methods used to screen a compound supposed to have anti-inflammatory activity.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Transgenic animals
4. Statistical significance in clinical pharmacology research
5. Expedited review
6. Drugs to be avoided during pregnancy
7. GCP guidelines
8. Acute toxicity studies

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