

# Rajiv Gandhi University of Health Sciences

**M.D. Degree Examination – MAY-2018**

[Time: 3 Hours]

[Max. Marks: 100]

**PHARMACOLOGY - PAPER – I**  
**Basic and General Pharmacology**  
**Q.P. CODE: 7405**

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

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Discuss Adverse drug reactions.
2. Principles of administration of drugs in paediatric practice.
3. Student's t-test
4. Orphan drugs
5. Kinetics of clearance of drugs
6. Institutional Ethics Committee
7. Drug tolerance
8. Radioimmunoassay
9. Phase zero clinical trial
10. Drug distribution

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[Max. Marks: 100]

## PHARMACOLOGY - PAPER – II SYSTEMIC PHARMACOLOGY - I Q.P. CODE: 7406

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

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Class – I anti arrhythmic drugs
2. Inhibitory aminoacid neurotransmitters in CNS and drugs affecting it.
3. Pharmacotherapy of cough
4. Enzyme reactivators
5. Direct thrombin inhibitors
6. Role of statins in therapy of dyslipidemias
7. Antiepileptics modulating GABA transmission
8. Fibrinolytic drugs
9. Vasopressin receptor antagonists
10. Selective 5HT<sub>3</sub> antagonists

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**M.D. Degree Examination – MAY-2018**

[Time: 3 Hours]

[Max. Marks: 100]

**Pharmacology - PAPER – III**

**Systemic Pharmacology - II**

**Q.P. CODE: 7407**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Problems that arise with the use of antimicrobial agents
2. Pharmacology of drugs acting on uterus
3. Prolactin inhibitors
4. Non-contraceptive uses of oral contraceptives
5. Antimetabolites used in cancer chemotherapy
6. Newer fluoroquinolones
7. Immuno stimulants
8. Newer anti-malarial drugs.
9. Anti pseudomonal agents
10. Direct thrombin inhibitors

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**Rajiv Gandhi University of Health Sciences, Karnataka**  
MD Degree Examination – MAY-2018

**Time: Three Hours**

**Max. Marks: 100 Marks**

**PHARMACOLOGY - PAPER – IV**  
**CLINICAL PHARMACOLOGY**  
**Q.P. CODE: 7408**

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

**Answer All The Questions**

**10 x 10 = 100 Marks**

1. Genetically mediated adverse reactions to drugs.
2. Screening methods to evaluate a compound for its Anti-inflammatory activity.
3. Ethics committee – composition and responsibilities
4. Evidence based medicine
5. Probiotics
6. Animal models for testing learning & memory in rats
7. Newer drug targets for Antiretroviral therapy
8. Phase zero clinical trial
9. Pharmacotherapy of Enteric fever
10. Intravenous fluids

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