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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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2018

[Time: 3 Hours] [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 $5HT_3$ antagonists

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Rajiv Gandhi University of Health Sciences

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 fluroquinolones
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

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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Rajiv Gandhi University of Health Sciences

MD Degree Examination – NOV-2018

Time: Three Hours | Max. Marks: 100 Marks

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 briefly various Adverse drug reactions.
2. Drug transporters and their implications in therapeutics.
3. Spectrophotometry
4. Informed consent
5. Pharmacogenomics
6. Therapeutic applications of drug antagonism
7. Non-parametric tests
8. Clinical importance of plasma protein binding
9. Teratogenicity
10. Drug dependence

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Rajiv Gandhi University of Health Sciences

MD Degree Examination – NOV 2018

Time: Three Hours Max. Marks: 100 Marks

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. Angiotensin – II receptor blocking agents
2. Haemopoietic growth factors with their clinical significance.
3. Statins
4. Non-nicotinic therapies for smoking cessation
5. Inhibitors of renal epithelial cell Na^+ channels
6. Management of myasthenia gravis
7. Newer antiepileptic agents
8. Therapeutic uses of magnesium
9. Bronchodilators
10. Proton pump inhibitors

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Rajiv Gandhi University of Health Sciences

MD Degree Examination – NOV 2018

Time: Three Hours | Max. Marks: 100 Marks

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. Drugs used in chemotherapy of malaria and add a note on management of chloroquine resistant falciparum malaria.
2. Discuss the recent advances in the treatment of osteoporosis.
3. Anti leprotic drugs
4. Current status of thalidomide
5. Drugs used in an anaerobic infections
6. Topical antifungal agents
7. Immunosuppressants
8. Insulin secretogogues
9. Beta lactamase inhibitors
10. Tigecycline

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – NOV - 2018

[Time: 3 Hours] [Max. Marks: 100]

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. Phases of clinical trials.
2. Screening methods for ‘anti-peptic ulcer agent’.
3. HPLC
4. Role of investigator and sponsor in clinical research
5. Problem based pharmacotherapy.
6. Cost – effective analysis
7. Rat as an experimental animal
8. ‘P’ drug concept
9. Randomization
10. Proteomics

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