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, 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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