Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY-2019

[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. Role of cytochrome P-450-3A4 in drug metabolism.
2. Pharmacokinetics of drugs during pregnancy
3. Idiosyncrasy
4. Zero order kinetics
5. Therapeutic drug monitoring
6. Paired 't' test
7. 'P' drug concept
8. Drug addiction
9. Prodrugs
10. ABC transporters

* * * *
*

M.D. Degree Examination – MAY-2019

[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. Classify anticoagulants. Discuss the pharmacology of Heparin.
2. Drugs used in congestive cardiac failure.
3. Angiotensin receptor antagonists
4. Class III antiarrhythmic agents
5. Pharmacotherapy of glaucoma
6. Proton pump inhibitors
7. Newer antiepileptics
8. Potassium channel openers
9. Pharmacotherapy of bronchial asthma
10. Non-diuretic uses of diuretics

* * * * *

Rajiv Gandhi University of Health Sciences

MD Degree Examination – MAY-2019

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. Long term toxicities of glucocorticoids and methods to minimise them
2. Discuss bacterial drug resistance.
3. Neuraminidase inhibitors
4. Thiazolidinediones
5. Drug therapy of thyrotoxic crisis
6. DNA gyrase inhibitors
7. Oral contraceptive pills
8. Drugs for Psoriasis
9. Vasopressin receptor antagonists
10. First line Antitubercular drugs

*****

M.D. Degree Examination – MAY-2019

[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. Pharmacoepidemiology.
2. Evaluation techniques for Antianginal drugs.
3. Newer uses of old drugs
4. Non parametric tests
5. Dopamine as therapeutic targets
6. Flame photometer
7. Spontaneus ADR reporting and causality assessment
8. Gene therapy
9. Placebo
10. Targeted drug delivery

* * * * *

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 12-Nov-2019

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 the factors affecting drug treatment in elderly.
2. Discuss the receptor concept of drug action.
3. Principles of radioimmunoassay
4. Pharmacogenetics
5. Transgenic animals in research
6. Blood -Brain barrier
7. Newer drug delivery systems
8. Microsomal enzymes
9. Assessment of drug safety
10. Meta analysis

*****

M.D. Degree Examination – 14-Nov-2019

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. Selective serotonin reuptake inhibitors in mental depression
2. Angiotensin converting enzyme inhibitors with special references to treatment of heart failure
3. Pharmacotherapy of Glaucoma
4. Drugs used in absence seizures
5. High ceiling diuretics
6. Competitive neuromuscular blockers
7. Bronchodilators in COPD
8. Nitric oxide
9. Low molecular weight heparin
10. Prokinetics

*****

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – 16-Nov-2019

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. Chemotherapy of tuberculosis. Add a special note on revised guidelines (RNTCP)
2. Drugs acting on uterus.
3. Drugs used in Superficial Fungal infections
4. Fluroquinolones
5. Newer Insulins
6. Monoclonal antibodies
7. Gossypol
8. Drugs used in Leprosy
9. Throxine
10. Alkylating agents in cancer chemotherapy

*****

M.D. Degree Examination – 18-Nov-2019

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. Describe the various animal toxicity studies.
2. Phases of clinical evaluations of drugs
3. Discuss the principles of therapeutic drug monitoring
4. Animal handling techniques
5. Injectable iron preparation and its indications
6. Role of placebo
7. Steady state plasma concentration of drugs
8. Pharmocovigilance
9. Antiseptics and disinfectants
10. Screening methods for Anti-inflammatory agents

*****