Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 29-Jul-2021

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY - PAPER – I (RS-2/RS-3)
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. Targeted drug delivery system
2. Clinical significance of drugs used in geriatrics
3. Second messengers
4. Pharmacoepidemiology
5. Drug withdrawal reactions
6. Animal toxicity studies
7. Kaplan Meier Curve
8. Radioimmunoassay
9. Therapeutic drug monitoring
10. Fixed dose combination of drugs

M.D. Degree Examination – 31-Jul-2021

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY - PAPER – II (RS-2/RS-3)
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. Diuretic resistance
2. Antiplatelet agents
3. Therapeutic uses of prostaglandins
4. Riluzole
5. Pharmacokinetics of inhalational general anaesthetics
6. Prokinetic agents
7. Pharmacotherapy of cough
8. Management of cardiogenic shock
9. Biological Vasodilators
10. Role of statins in dyslipidemia

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 02-Aug-2021

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY - PAPER – III
(RS-2/RS-3)
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. Oral antidiabetic agents
2. Recent advances in the treatment of HIV infection.
3. Radioactive substances in therapeutics
4. Bisphosphonates
5. Selective estrogen receptor modulators
6. Hormones used in malignancy
7. Drugs for Mycobacterium avium complex
8. Treatment of cerebral malaria
9. Third generation cephalosporins
10. Anti Diuretic Hormone (ADH) and its uses

M.D. Degree Examination – 04-Aug-2021

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

PHARMACOLOGY - PAPER – IV
(RS-2/RS-3)
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. Methods of evaluating anti-inflammatory drugs
2. Discuss the principles of controlled clinical trials.
3. Transgenic animals
4. Bio equivalence
5. Area under curve
6. Pharmacoeconomics
7. Evaluation of Diuretics
8. Antioxidants
9. Alternatives to animal experiments
10. Essential drug list

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 12-Nov-2021

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY - PAPER – I (RS-2/RS-3)
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 Drug Interactions with suitable examples.
2. Discuss the receptor concept of drug action.
3. Acute toxicity studies
4. Radioimmunoassay
5. Half life of a drug and its applications
6. Drug Enantiomers
7. Newer drug delivery systems
8. Phases of Biotransformation with suitable examples
9. Chi square test
10. Pharmacokinetics of drugs in Elderly

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M.D. Degree Examination – 15-Nov-2021

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

PHARMACOLOGY - PAPER – II (RS-2/RS-3)
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. Drug dependence and treatment of morphine dependence and withdrawal.
2. Drug treatment of acute myocardial infarction and the rationale for the same.
3. H_2 – receptor Antagonists
4. NMDA receptor antagonists
5. Angiotensin receptor blockers
6. Statins
7. Pharmacology of airway remodeling in bronchial asthma
8. Tachykinins
9. Serotonergic agents
10. Pharmacotherapy of hypovolemic shock

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 17-Nov-2021

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY - PAPER – III
(RS-2/RS-3)
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. Insulin formulations
2. Selective Estrogen Receptor Modulators (SERM)
3. Chloroquine resistant malaria
4. Amphotericin B
5. Mitotic Spindle inhibitors
6. Management of Gout
7. Cytoprotectives in Cancer therapy
8. Multi Drug Resistant Tuberculosis
9. Aminoglycosides
10. Neurominidase inhibitors

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M.D. Degree Examination – 19-Nov-2021

Time: Three Hours | Max. Marks: 100 Marks

PHARMACOLOGY - PAPER – IV
(RS-2/RS-3)
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. Screening methods for evaluating anti-inflammatory agents
2. Post marketing surveillance
3. Informed consent
4. Cost effective analysis
5. Off label use of drugs
6. Randomization
7. Vaccine vigilance
8. Toxicokinetics
9. CONSORT statement
10. Composition and functions of Ethics Committee

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