Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 14-Jul-2020

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. Biotransformation and clinical relevance of enzyme inhibition
2. Gene therapy
3. Multi compartment model of volume distribution
4. Therapeutic Drug Monitoring
5. Xenobiotics
6. Institutional Ethics Committee
7. Novel methods of Drug delivery
8. Drug Antagonism
9. Blood Brain Barrier
10. Student’s t test

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 16-Jul-2020

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. Discuss the current therapeutic status of β-receptor blockers.
2. Discuss the recent advances in the management of Parkinsonism.
3. Intravenous general anesthetics
4. Lithium carbonate
5. Angiotensin receptor antagonists
6. Molgramostim
7. Management of hypertensive emergencies
8. Anti-Helicobacter pylori drugs
9. Atropine and its substitutes
10. Inhalational glucocorticoids

*****

M.D. Degree Examination – 18-Jul-2020

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

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. Rational use of antibiotics
2. First line of anti tubercular drugs
3. Antiandrogens
4. Immunostimulants
5. Highly Active Anti Retroviral Therapy (HAART)
6. Newer vaccines
7. Gonadotropin Releasing Hormone analogs
8. Newer drug delivery systems of insulin
9. Plant alkaloids in cancer chemotherapy
10. Special dosage forms of glucocorticoids and their indications

* * * * *

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 20-Jul-2020

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. Write in detail about 'Ethics in Clinical Trials'. Mention the role of Placebo
2. Discuss about the development of a new drug with anti-anxiety activity
3. Therapeutic exploratory trials
4. Chronopharmacology and its significance
5. 3R concepts in animal experiments
6. Pharmacoeconomics
7. Informed consent form
8. Screening of new molecule with anti-pyretic activity
9. Phase zero clinical trials
10. ICD classification

*****