Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Degree Examination – NOV 2016

Time: Three Hours
Max. Marks: 100 Marks

MD PHARMACOLOGY
PAPER- I
(Revised Scheme)
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 questions

LONG ESSAYS

1. Discuss the toxic effects of drugs, specific antidotes used and their mode of action.
2. Write an essay on factors influencing drug absorption.

SHORT ESSAYS

3. Cost benefit analysis of drugs
4. Null hypothesis
5. Transdermal administration of drugs
6. Influence of age on dosage of drugs
7. Therapeutic drug monitoring
8. Drug synergism

2 x 20 = 40 Marks
6 x 10 = 60 Marks
LONG ESSAYS

1. Explain the recent advances in pharmacotherapy of emesis.

2. Discuss the mechanism of action of drugs in ischaemic heart disease.

SHORT ESSAYS

3. Drugs used in glaucoma
4. Recent advances in Pharmacotherapy of migraine
5. Slow acting anti-coagulants
6. Drugs used in treatment of parkinsonism
7. Digoxin toxicity and its management
8. Autonomic neurotransmitters
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MD PHARMACOLOGY
PAPER- III
(Revised Scheme)
SYSTEMIC PHARMACOLOGY - II
Q. P. CODE: 7407

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS

1. Discuss the guiding principles for selection of antimicrobial agents.
2. Discuss the antidiabetic agents in the treatment of type-2 diabetes.

2 x 20 = 40 Marks

SHORT ESSAYS

3. Azole antifungal agents
4. Chemoprophylaxis of malaria
5. Alkylating agents
6. DOTS-PLUS
7. Adverse effects of glucocorticoids
8. Therapeutic uses of estrogens

6 x 10 = 60 Marks
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MD PHARMACOLOGY

PAPER- IV

(Revised Scheme)

CLINICAL PHARMACOLOGY

Q. P. CODE: 7408

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS

1. Discuss the various steps involved in the development of new drug.

2. Discuss the methods used to screen a compound suppose to have antiepileptic activity.

SHORT ESSAYS

3. Gene therapy for inherited conditions

4. Therapeutic drug monitoring

5. Randomized trials

6. Placebo

7. Guinea pig as an experimental animal

8. Toxicokinetics

2 x 20 = 40 Marks

6 x 10 = 60 Marks

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