7405_9999_9_S208

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2014

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

PHARMACOLOGY

BASIC AND GENERAL PHARMACOLOGY

PAPER – I (RS)

Q.P. CODE : 7405

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the modalities to target Vascular endothelium for the development of drugs.
2. Role of CYT P 450 iso types in drug metabolism.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Meta analysis.
4. Protocol designing.
5. Genotoxicity studies
6. Obstacles to to successful gene therapy
7. Priniciples of Radio immunoassay.
8. Student "I" test.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2014

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

PHARMACOLOGY

SYSTEMIC PHARMACOLOGY - I

PAPER – II (RS)

Q.P. CODE : 7406

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the recent advances in the treatment of glaucoma.
2. Discuss the Patho-physiology and treatment of osteoporosis.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Adenosine.
4. Newer fibrinolytic agents.
5. Selective Estrogen Receptor Modulators.
6. Carbonic anhydrase inhibitors.
7. Drugs causing QTc interval (ECG) prolongation.
8. Rational drug combination.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2014

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

PHARMACOLOGY

SYSTEMIC PHARMACOLOGY - II

PAPER – III (RS)

Q.P. CODE: 7407

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the drug treatment of peptic ulcer.
2. Discuss therapeutic potential of hypolipidaemic agents.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Calcitonin gene related peptide.
4. Azithromycin.
5. DOTS PLUS programme.
6. Male contraceptives.
7. Drugs for the treatment of Breast Carcinoma.
8. 5-HT3 antagonists.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

Time: Three Hours **Max. Marks: 100 Marks**

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. Answer all questions

LONG ESSAYS **2 x 20 = 40 Marks**

1. Describe the principles of controlled clinical trials.
2. Discuss briefly the current status of drug therapy and recent development in therapy following disease states.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Double blind technique
4. Essential drug list
5. Drug safety during pregnancy
6. Drug withdrawal action
7. Clinical application of Amrinone
8. Over the counter (OTC) drugs.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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

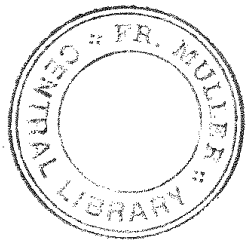
LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the various transducer mechanisms involved in drug action
2. Explain the impact of age on Pharmacokinetics and Pharmacodynamics of drugs with examples.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Renal elimination of drugs
4. Transdermal drug delivery system
5. Pharmacoeconomics
6. Transporters as drug targets
7. 'P' value
8. Role of cytokines in health and disease

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

MD PHARMACOLOGY
PAPER- II
(Revised Scheme)
SYSTEMIC PHARMACOLOGY - I
Q. P. CODE: 7406

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the pharmacotherapy of endogenous depression.
2. Discuss the recent advances in the management of congestive heart failure.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Newer antiepileptic agents
4. Prostaglandin analogues
5. Adenosine
6. 5-HT_3 antagonists
7. Myeloid growth factors
8. DMARDs (Disease modifying anti-rheumatic drugs)



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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

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 **2 x 20 = 40 Marks**

1. Discuss the general principles and drug treatment of HIV infection
2. Explain the role of oral antidiabetic agents in the treatment of Diabetes mellitus

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Treatment of Multidrug resistant falciparum malaria
4. Drugs used in infertility
5. Plant Products in cancer chemotherapy
6. Glycopeptide antibiotics
7. Interferrons
8. Topical antifungal agents

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

Time: Three Hours **Max. Marks: 100 Marks**

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 **2 x 20 = 40 Marks**

1. Discuss the experimental evaluation of analgesics.
2. Discuss the methods involved in screening a compound supposed to have anti-diabetic activity.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Current status of thalidomide
4. Guidelines to treat HIV patient
5. Recent advances in treatment of obesity
6. Drugs for impotence
7. Bisphosphonates
8. Institutional human ethics committee (IAEC)

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