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7405_2013_1_S204

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2013

[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 basic principles of clinical pharmacokinetics and its role in rationalizing drug therapy.
2. Discuss the various processes involved in new drug discovery and development

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

3. Chronopharmacology
4. G protein coupled receptors
5. Principles of radioimmunoassay
6. Gene therapy
7. P-Glycoproteins
8. Confidence Interval

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2013

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 structure activity relationship of adrenergic agonists.
2. Discuss the role of vasodilators in clinical practice.

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

3. Drug treatment of obesity
4. Treprostinil
5. Cardioslective beta blockers
6. Atypical antipsychotics
7. Uses of diuretics in non-edematous disorders
8. Proton pump inhibitors

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2013

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 recent advances in the management of tuberculosis
2. Discuss the therapeutically useful actions of glucocorticoids. Explain the toxicities due to long term use of glucocorticoids and methods to minimize them.

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

3. Lenizolid
4. Ecinocandins
5. Clomiphene citrate
6. Chemoprophylaxis
7. Treatment of hospital acquired pneumonia
8. Vasopressin analogues

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7408_2013_1_S203

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2013

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

PHARMACOLOGY

CLINICAL PHARMACOLOGY

PAPER – IV (RS)

Q.P. CODE : 7408

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 details about Gene therpy.
2. Discuss the methods involved in screening a compound supposed to have bronchodilator activity.

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

3. Anti-retroviral drugs.
4. Non-specific anti-diarrhoeal drugs.
5. Monoclonal antibodies.
6. Flavanoids.
7. Drugs as diagnosis agents.
8. Drug induced diseases.

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