Long Essays

1. Discuss the principles, methods, advantages and limitations of therapeutic drug monitoring.

2. Discuss with example the influence of pharmacogenetics on therapeutic outcome of drugs.

Short Essays

3. Preventable adverse drug reactions

4. Kinetics of drug elimination

5. Intracellular receptors

6. Bioequivalence

7. Student’s t-test

8. Enzyme-immunoassay

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Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Degree Examination – MAY 2017

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

1. Discuss the Pharmacotherapy of endogenous depression.
2. Discuss the role of Beta adrenergic blockers in therapeutics.

2 x 20 = 40 Marks

SHORT ESSAYS

3. Drugs used in gastroesophageal reflux disease
4. GABA modulators in epilepsy
5. Corticosteroids in asthma
6. Pleiotropic effects of statins
7. Intravenous general anesthetics
8. Potassium sparing diuretics

6 x 10 = 60 Marks

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

LONG ESSAYS

1. Discuss the role of hormones in cancer chemotherapy.

2. Discuss the recent advances in the treatment of fungal infections.

SHORT ESSAYS

3. Human insulins

4. Immunostimulants

5. Oral contraceptive pills

6. Management of cerebral malaria

7. Mechanism of antibacterial drug resistance

8. Anti-oestrogens

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Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Degree Examination – JUNE 2017

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. Give an account of modern scientific approach to drug discovery and development.
2. Discuss the methods used to screen a compound supposed to have anti-inflammatory activity.

SHORT ESSAYS
6 x 10 = 60 Marks
3. Transgenic animals
4. Statistical significance in clinical pharmacology research
5. Expedited review
6. Drugs to be avoided during pregnancy
7. GCP guidelines
8. Acute toxicity studies

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