

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May - 2015

Time : 3 Hrs.

[Max. Marks : 100]

M.D PHARMACOLOGY

PAPER - I

Q.P Code : RS2301

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY

10 X 10 = 100 Marks

1. Describe the transmembrane signaling mechanism and drug action.
2. OECD guidelines for toxicity study in animals.
3. Fixed drug combinations and its current status.
4. Pharmacogenetics and its applications.
5. Alternative to animal experiments.
6. Clinical relevance of clearance of drugs from the body.
7. Cytoplasmic second messengers.
8. Merits of new drug delivery systems used for common diseases.
9. Presynaptic receptors.
10. Chi-Square Test.

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M.D PHARMACOLOGY

PAPER - II

Q.P Code : RS-2302

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Adenosine in therapeutics.
2. Phosphodiesterase inhibitors used in heart failure.
3. Newer anticoagulants.
4. Selective serotonin reuptake inhibitors.
5. Melatonin congeners in therapeutics.
6. Inhaled medications in bronchial asthma.
7. Osmotic diuretics.
8. Proton pump inhibitors.
9. Therapeutic uses of oxygen.
10. Clinical uses of neuromuscular blocking agents.

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PAPER - III

Q.P Code : RS-2303

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. Write drug treatment of chloroquine resistant malaria.
2. Discuss in detail life saving indications of corticosteroids.
3. Pharmacotherapy of sexually transmitted diseases.
4. Third generation cephalosporins.
5. Thiazolidinediones and alpha glucosidase inhibitors.
6. Antiprogestins.
7. Immunosuppressants
8. Tocolytic agents.
9. Antimetabolites in cancer chemotherapy.
10. Newer fluoroquinolones.

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M.D PHARMACOLOGY

PAPER - IV

Q.P Code : RS-2304

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY

10 X 10 = 100 Marks

1. Ivabradine.
2. Experimental methods for evaluating anti-inflammatory activity of a compound.
3. Regulatory affairs in clinical trial.
4. Sodium glucose cotransporter-2 inhibitors.
5. Euthanasia methods in experimental study.
6. Pharmacogenomics.
7. Alternatives to use of animals in research.
8. Targeted drugs in cancer chemotherapy.
9. Direct thrombin inhibitors.
10. Sequential trial.

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