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SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May - 2012

Time : 3 Hrs.

[Max. Marks : 100]

M.D. PHARMACOLOGY

PAPER I

Q.P Code : 2301

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



LONG ESSAY

2 X 20 = 40 Marks

1. Describe mechanism of drug action through receptors
2. Drug use in pregnant women

SHORT ESSAY

6 X 10 = 60 Marks

3. Transgenic Animals
4. Drug Interactions
5. Essential medicines in Therapy
6. Orphan drugs
7. Students 't' Test
8. Nephrotoxic drugs

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M.D. PHARMACOLOGY

PAPER II

Q.P Code : 2302

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



LONG ESSAY

2 X 20 = 40 Marks

1. Gaba receptor modulators in therapeutics.
2. Discuss in detail about the recent advances in Pharmacotherapy of angina pectoris.

SHORT ESSAY

6 X 10 = 60 Marks

3. Cilastazol
4. Phosphodiesterase inhibitors
5. Pharmacotherapy of irritable bowel syndrome
6. Performance enhancers in sports
7. Recent advances in drug therapy of glaucoma
8. Leukotriene antagonists

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M.D PHARMACOLOGY

PAPER III

Q.P Code : 2303

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LONG ESSAY

2 X 20 = 40 Marks

1. Discuss in detail the current status of cephalosporins
2. Describe the recent advances in management of diabetes mellitus and add a note on neuropeptide-y antagonists

SHORT ESSAY

6 X 10 = 60 Marks

3. Recent trends in antiviral therapy
4. Anti oxytocics
5. Management of MDR tuberculosis and MAC
6. Bone forming agents
7. Calcineurin inhibitors
8. Imatinib

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1. Discuss the screening methods of an investigational molecule for anticonvulsant activity.
2. Composition and functions of human ethics committee.

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

3. Acute toxicity studies
4. Clinical pharmacology of 'orphan drugs'
5. Nutraceuticals
6. Antioxidants and their therapeutic potential
7. Status of pharmacovigilance in india
8. Radio-contrast media

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