

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**(A DEEMED TO BE UNIVERSITY)****M.B.B.S. PHASE - II Degree Examination – July -2010****Time : 3 Hrs.****[Max. Marks : 100]****PHARMACOLOGY – PAPER I***Your answers should be specific to the questions asked.**Draw neat labeled diagrams wherever necessary.***LONG ESSAY****2 X 10 = 20 Marks**

1. Classify Anti-hypertensive drugs with two examples for each group. Mention the mechanism of action and adverse effects of captopril. Add a note on drugs used in hypertensive emergencies.
2. Classify Anti-epileptics on the basis of their clinical utility. Explain the mechanism of action, adverse effects and uses of any one drug used in generalized tonic clonic seizures. Add a note on treatment of status epilepticus.

SHORT ESSAY**10 X 5 = 50 Marks**

3. Organic nitrates
4. Fixed dose drug combinations (FDC)
5. Microsomal enzyme induction and its consequences
6. Mannitol
7. Oral anticoagulants
8. Clinical importance of plasma protein binding
9. Techniques of local anaesthesia
10. Atropine substitutes
11. Succinylcholine
12. Therapeutic uses of anticholinesterases

SHORT ANSWERS**10 X 3 = 30 Marks**

13. Treatment of methanol poisoning
14. Atypical antipsychotics
15. Dextran
16. Cheese reaction
17. Levodopa
18. Treatment of organophosphorus compound poisoning
19. Lithium
20. Statins
21. Adenosine
22. Adverse effects of digoxin

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PHARMACOLOGY – PAPER II

Your answers should be specific to the questions asked.

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LONG ESSAY

2 X 10 = 20 Marks

1. Classify β – Lactam antibiotics. Discuss the mechanism of action, therapeutic uses and adverse effects of penicillin G.
2. Classify hormonal contraceptives. Discuss the mechanism of action, Clinical uses, adverse effects and contraindications of combinations pills.

SHORT ESSAY

10 X 5 = 50 Marks

3. Propylthiouracil
4. Chloroquine
5. Praziquantel
6. Resistance of antibiotics
7. Drugs for scabies
8. Ranitidine
9. Liquid paraffin
10. Montelukast
11. Rifampicin
12. Newer Insulins

SHORT ANSWERS

10 X 3 = 30 Marks

13. Ergotamine
14. Colchicine
15. Gold salts
16. Potassium permanganate
17. Thiamine
18. Dimercaprol
19. Ipratropium
20. Muromonab – CD3
21. Salmeterol
22. L-Asparaginase