

PHARMACOLOGY – PAPER I

Q.P Code : 111- SDUU

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify sympathomimetic drugs. Describe the mechanism of action, therapeutic uses and adverse effects of adrenaline.
2. Classify non steroidal anti inflammatory drugs. Write the mechanism of action, therapeutic uses and adverse effects of salicylates.

SHORT ESSAY

10 X 5 = 50 Marks

3. Treatment of organophosphorous poisoning
4. Bio transformation
5. High ceiling diuretics
6. Organic nitrates
7. Protein binding of drugs
8. Low molecular weight heparins
9. Tricyclic anti depressants
10. Advantages and disadvantages effects of Halothane
11. Define Pharmacogenetics with two examples
12. Desferrioxime



SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention three contra indications of morphine
14. Mention three drugs effective in petitmal epilepsy
15. Dantrolene-mechanism of action and one use
16. Write three therapeutic uses of neostigmine
17. Write four therapeutic uses of Beta blockers
18. Pharmacotherapy of variant angina
19. Treatment of neurogenic shock
20. Digitalis toxicity
21. Mention three drugs used in ventricular arrhythmias
22. Mention four uses of Calcium channel blockers

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

M.B.B.S. PHASE - II Degree Examination – July - 2011

Time : 3 Hrs.

[Max. Marks : 100]

PHARMACOLOGY – PAPER II

Q.P Code : 112-SDUU

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify anticancer drugs. Describe mechanism of action adverse effects and uses of methotrexate.
2. Describe therapeutic uses and adverse effects of glucocorticoids.

SHORT ESSAY

10 X 5 = 50 Marks

3. Albendazole
4. Uterine relaxants
5. Betalactamase inhibitors
6. Acyclovir
7. Adverse effects of tetracyclines
8. Protease inhibitors
9. Amphotericin-B
10. Fourth generation cephalosporins
11. Newer insulins
12. Dimercaprol



SHORT ANSWERS

10 X 3 = 30 Marks

13. Mucolytic agents
14. Adverse effects of oral contraceptive pills
15. Mastcell stabilizers
16. Treatment of chloroquin-resistant malaria
17. Ondansetron
18. Radioactive iodine
19. Clofazimine
20. Levamisole
21. Lactulose
22. Antiemetics

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1. Classify skeletal muscle relaxants. Explain the mechanism of action of d-Tubocurarine.
2. Classify Anti-epileptic drugs. Describe the pharmacological action of Barbiturates.

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

3. Teratogenicity
4. Uses of Alpha adrenergic blockers
5. Lignocaine
6. Enalapril
7. Drug therapy in Myocardial infarction
8. Low molecular weight Heparins
9. Osmotic diuretics
10. Half-life of a drug
11. Receptor Antagonism
12. Naloxone

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

13. Mention three cognition enhancers
14. Mention the adverse effects of Levodopa therapy
15. Telmisartan
16. Amiodarone-adverse effects
17. Name two Phosphodiesterase inhibitors
18. Mention three uses of Calcium channel blockers
19. Mention three metabolic functions of Folic Acid
20. Atorvastatin
21. Anticholinesterase poisoning
22. Dopamine

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M.B.B.S. PHASE - II Degree Examination – July - 2011

Time : 3 Hrs.

[Max. Marks : 100]

PHARMACOLOGY – PAPER II

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify drugs used in bronchial asthma

Name the inhaled corticosteroids. Explain the rationale for their use and mention their adverse effects.

Name the advantages of inhalation route over oral administration of drugs in asthma

2. Classify β -lactam antibiotics.

Write the mechanism of action, spectrum of activity, adverse effects and therapeutic uses of Amoxicillin.

SHORT ESSAY

10 X 5 = 50 Marks

3. Management of thyrotoxic crisis-drugs used, and rationale for use
4. Rifampicin-spectrum and mechanism of action, uses, adverse effects and drug interactions.
5. Combination of Antimicrobials
6. Liquid paraffin
7. Disease modifying agents in rheumatoid arthritis
8. Uterine stimulants
9. Methotrexate
10. Non sedative antihistamines
11. Combination pills for contraception- name the components, specify mechanisms of action and the schedule of administration.
12. Insulin analogues – Give examples and compare them with conventional insulins



SHORT ANSWERS

10 X 3 = 30 Marks

13. 5- α reductase inhibitors – examples, uses and adverse effects
14. Raloxifene – actions, mechanism and uses
15. Ivermectin- spectrum of action, uses and adverse effects
16. Artemisinin derivatives- Examples, uses and mechanism of action
17. 5-HT₃ Antagonists- uses, mechanism and adverse effects
18. Praziquantel
19. Liposomal amphotericin- spectrum, uses and advantages over conventional amphotericin B
20. Bromocriptine- actions, mechanism and uses
21. Omeprazole – mechanism of action, uses and adverse effects
22. Doxycycline v/s oxytetracycline for chlamydial infections.