

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - JUNE 2017

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper I (RS2 & RS3 SCHEME)

Q.P. CODE: 1085

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. Classify sympathomimetics. Describe the cardiovascular actions and therapeutic uses of adrenaline.
2. Classify antiepileptic drugs. Describe mechanism of action, therapeutic uses and adverse effects of phenytoin sodium. Mention newer antiepileptic drugs.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Enzyme induction and its clinical significance
4. Transdermal route of drug administration
5. Treatment of Organophosphorus poisoning
6. Uses of alpha adrenergic blockers
7. Mechanism of action, therapeutic uses and adverse effects of Ramipril
8. Mechanism of action and therapeutic uses of Furosemide
9. Fibrinolytic drugs
10. Therapeutic uses and adverse effects of morphine
11. Clonidine
12. Factors modifying drug action

SHORT ANSWERS

10 x 3 = 30 Marks

13. Three differences between Barbiturates and Benzodiazepines
14. Succinyl choline
15. Atropine substitutes
16. Mention six uses of anti-platelet drugs.
17. Name three uses of verapamil.
18. Treatment of paracetamol poisoning
19. Explain the pharmacological basis for combining Carbidopa with Levodopa.
20. Six uses of centrally acting muscle relaxants
21. Rosuvastatin
22. Treatment of cardiogenic shock

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MBBS (Phase - II) Degree Examination – June 2017

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3)

Q.P. CODE: 1086

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Describe the antibacterial spectrum, mechanism of action, therapeutic uses and adverse effects of fluoroquinolones.
2. Classify antithyroid drugs. Describe the mechanism of action and adverse effects of (a) Carbimazole, (b) Radioactive Iodine.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Aminopenicillins
4. Therapeutic uses of Metronidazole
5. Drug treatment of chloroquine resistant malaria
6. Griseofulvin
7. Metformin
8. Selective Estrogen Receptor Modulators (SERMs)
9. Therapeutic uses and adverse effects of H₁ blockers
10. Sodium chromoglycate
11. Bulk purgatives
12. Oxytocics

SHORT ANSWERS

10 x 3 = 30 Marks

13. Explain why chloroquine is effective in extra-intestinal amoebiasis but not effective in intestinal amoebiasis.
14. What are adverse effects of aminoglycosides?
15. Why ethambutol is not used in children below six years?
16. Name two centrally acting cough suppressants. Why they are not used in a patient having productive cough?
17. Explain how Sucralfate acts. Can it be used along with antacids? Give reason.
18. Enumerate therapeutic uses of prostaglandins.
19. What are indications for use of Dimercaprol? Where is it contraindicated?
20. Name two uricosuric drugs. How do they produce uricosuric effect?
21. How does Metoclopramide produce its antiemetic effect? What is its central toxicity?
22. Explain the terms 'Antiseptic' and 'Disinfectant' with examples.
