



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - **JUNE 2017**

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper I (Revised Scheme)

Q.P. CODE: 1060

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 9 = 18 Marks

1. Classify antianginal drugs. Explain pharmacological actions, adverse effects and uses of nitrates.
2. Define the term drug biotransformation. Describe the different types of biotransformation with suitable examples.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Merits and demerits of oral route of drug administration
4. Antiplatelet agents
5. Mechanism of action, therapeutic uses and adverse effects of Digoxin.
6. Pharmacotherapy of myocardial infarction
7. Inhalational general anaesthetic agents
8. Therapeutic uses and adverse effects of phenytoin
9. Mechanism of action and therapeutic uses of succinylcholine
10. Complications of diuretic therapy
11. Mechanism of action and therapeutic uses of losartan
12. Mechanism of action and therapeutic uses of lignocaine

SHORT ANSWERS

16 x 2 = 32 Marks

13. Polypeptide drugs are ineffective by mouth – give reason.
14. Rationale of using Physostigmine in Atropine poisoning.
15. Disadvantages of thiopental sodium
16. Rationale of using Dantrolene in malignant hyperthermia.
17. Name four nasal decongestants.
18. Rationale for using morphine in acute left ventricular failure
19. Two adverse effects of calcium channel blockers
20. Name two beta-blockers with vasodilator property.
21. Name two oral iron preparations.
22. Name two drugs used in absence seizures.
23. Name two Monoamine Oxidase inhibitors.
24. Edrophonium is used in diagnosis of myasthenia gravis – give reason.
25. Name two drugs causing Parkinsonism.
26. Write any four uses of adrenaline
27. N-acetylcysteine is used as antidote in paracetamol poisoning – give the rationale.
28. Mention two advantages of Selective Serotonin Reuptake Inhibitors (SSRI).

