

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - DECEMBER 2015

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. Define the term Drug Biotransformation. Describe the different types of biotransformation with suitable examples.
2. Classify the non-steroidal anti-inflammatory drugs. Write the pharmacological actions of aspirin. Mention its adverse effects and contraindications.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Therapeutic uses of anticholinesterase agents
4. Drug tolerance
5. Therapeutic uses and adverse effects of propranolol
6. Advantages and disadvantages of Halothane
7. Mechanism of action and therapeutic uses of Potassium sparing diuretics
8. Mechanism of action and therapeutic uses of Digoxin
9. Oral iron therapy
10. Mechanism of action and clinical uses of Sodium valproate
11. Pharmacotherapy of myocardial infarction
12. Atorvastatin

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

13. List three uses of Nitrates.
14. List three uses and three adverse effects of Atropine.
15. Role of barbiturates in kernicterus
16. Ethyl alcohol is used in treatment of methyl alcohol poisoning – give reasons.
17. Disadvantages of thiopental sodium
18. Rationale for combining adrenaline with lignocaine
19. Selective β_2 stimulants
20. Levodopa is not useful in drug induced Parkinsonism – give reasons
21. Name three non-depolarizing neuromuscular blockers.
22. Sodium nitroprusside
