

# Rajiv Gandhi University of Health Sciences, Karnataka

## MBBS (Phase - II) Degree Examination - JUNE 2016

**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 Bioavailability. Describe the factors affecting Oral Bioavailability of the drug.
2. Classify Antihypertensive drugs. Describe the adverse effects and uses of Calcium Channel Blockers. Add a note on the treatment of Hypertensive Emergency.

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

3. Acute Morphine poisoning treatment and contraindications for Morphine usage
4. Mention different Antiplatelet drugs and discuss their mechanism of action
5. Drugs used for treatment of Obesity
6. What is Diuretic resistance? What are the approaches to overcome Diuretic resistance?
7. Mention ACE inhibitors and their therapeutic uses.
8. Selective Serotonin Reuptake Inhibitors (SSRIs)
9. Newer Antiepileptic drugs
10. What are the adverse effects of Beta-Blockers?
11. Mention the therapeutic uses of Sympathomimetic drugs.
12. Levodopa

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

13. What is Elimination Half-life? Give examples of two drugs having short Half-life.
14. Write mechanism of action of Lithium and list two adverse effects.
15. Mention three drugs used in Preanaesthetic medication.
16. What are the important therapeutic uses of Hyoscine?
17. Why Atropine is not preferred for ophthalmoscopic examination of Retina in adults?
18. Rationale for using Physostigmine in Atropine poisoning.
19. Advantages of Low Molecular Weight Heparins
20. Mention three uses and two adverse effects of Diazepam.
21. What is the pharmacological basis for the use of Digoxin in Heart failure?
22. What are the therapeutic uses of Mannitol?

\*\*\*\*\*