

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**MBBS (Phase - II) Degree Examination – 07-Feb-2024**

**Time: Three Hours**

**Max. Marks: 100**

**PHARMACOLOGY – PAPER I (RS-3)**

**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 antianginal drugs. Write mechanism of action, therapeutic uses and adverse effects of glyceryl trinitrate
2. Define Bioavailability. Discuss the factors affecting bioavailability of drugs with suitable examples

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Lignocaine
4. Therapeutic uses and adverse effects of propranolol
5. Morphine and its uses
6. Write mechanism of action and therapeutic uses of Warfarin sodium
7. Discuss about therapeutic uses and adverse effects of  $\alpha$ -adrenergic blockers
8. Discuss methods of prolonging duration of action of a drug with suitable examples
9. Furosemide
10. Preanaesthetic medications
11. Write therapeutic uses and adverse effects of enalapril
12. Write therapeutic uses and adverse effects of carbamazepine

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. What is Teratogenicity? Write two examples of proved teratogenic drugs
14. Potassium sparing diuretic
15. Explain why adrenaline is used in treatment of anaphylactic shock
16. Drugs used in myasthenia gravis
17. Define prodrug. Write two examples of prodrug
18. Enumerate benefits of levodopa-carbidopa combination

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19. Name three calcium channel **blockers**
20. Write the medical uses of ethanol
21. Clinical significance of plasma protein binding of drugs
22. Enumerate three drugs used in hypertensive emergencies

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