

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – 29-Sep-2021

Time: Three Hours**Max. Marks: 100 Marks****PHARMACOLOGY – PAPER I (RS3)****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 Biotransformation. Explain the phases with examples.
2. Classify drugs used in the treatment of Glaucoma. Write mechanism of action, uses and side effects of prostaglandins analogues.

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

3. Atropine substitutes.
4. Plasma half life of drugs.
5. Teratogenicity.
6. Diclofenac sodium.
7. Therapeutic uses of Beta Blockers.
8. Drug Antagonism
9. Technique and applications of Local Anaesthetics.
10. Pharmacotherapy of shock.
11. Iron preparations.
12. Uses of Benzodiazepines.

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

13. Mention three uses of Anticholinesterases.
14. Name three non-depolarising muscle relaxants.
15. Factors affecting Bioavailability.
16. Advantages and disadvantages of Inhalation route.
17. Mechanism of prolongation of drug action.
18. Levodopa.
19. Adverse effects of Phenytoin.
20. Uses of Alpha Blockers.
21. First pass metabolism.
22. Prodrug.
