

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 10-Jun-2024

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOLOGY – I (RS & RS2)

Q.P. CODE: 2859

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Enumerate different routes of drug administration and write the merits and demerits of enteral and parenteral routes of drugs administration.
2. Classify adrenergic agents with suitable examples. Explain pharmacology of adrenaline.
3. Classify anticonvulsant with examples. Write the mechanism of action and pharmacology of phenytoin.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain in detail factors affecting absorption of drugs.
5. Explain the pharmacology of angiotensin receptors blockers.
6. Explain the mechanism of actions, adverse effects and uses of Digoxin.
7. Classify local anesthetics. Explain the pharmacology of Lignocaine.
8. Explain the pharmacological treatment of chronic obstructive pulmonary disease.
9. Classify oral hypoglycemic agents. Explain the pharmacology of Metformin.
10. Explain the pharmacology of 5-HT.
11. Explain the pharmacology of diazepam.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What are different source of drugs?
13. Define Mydriatics. Give examples.
14. Write clinical uses of prazosin.
15. Enlist drugs used as analgesics.
16. Write the mechanism of Disulfiram.
17. Give two examples for opioid agonist and antagonists.
18. Define antitussive. Give examples.
19. Define autacoids. Give any two examples.
20. Define Prodrug with suitable examples.
21. Write the adverse effects of Buspirone.
