

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 23-Nov-2022

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. Define absorption of drugs. Explain factors affecting drug absorption.
2. What are antihypertensive drugs? Classify them suitable examples. Explain the mechanism of action and therapeutic uses of ACE inhibitors.
3. Classify hypnotic and sedative with examples. Explain the pharmacology of benzodiazepines.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Write a note on preclinical evaluation.
5. Define skeletal muscle relaxant and explain the pharmacology of d-tubocurarine.
6. Explain the pharmacology of acetylcholine.
7. Classify antiarrhythmic drugs. Explain the mechanism of action and uses of Procainamide.
8. Explain the pharmacology of atorvastatin.
9. Classify general anesthetic with examples. Explain the mechanism of action and adverse effect of halothane.
10. Classify the drugs used in the treatment of asthma with examples.
11. Classify sulfonyl urea. Explain the mechanism of action of tolbutamide.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the merits and demerits of sublingual route of drug administration.
13. Define additive effect and synergetic effect.
14. What is Dale's vasomotor reversal phenomenon?
15. Name the drugs used in the treatment of organophosphate poisoning.
16. Define Teratogenicity with examples.
17. Mention uses and adverse effect of nifedipine.
18. Classify opioid antagonist with examples.
19. Write the uses and adverse effect of alcohol.
20. Define mucolytic with suitable examples.
21. What are lipid derived autacoids with example?
