

Rajiv Gandhi University of Health Sciences, Karnataka
II Year Pharm-D Degree Examination – 10-Dec-2020

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. Classify anticholinergics with examples. Describe the pharmacological actions of Atropine.
2. Classify general anesthetics with examples. Explain different phases of general anaesthesia.
3. What is congestive heart failure? Classify the drugs used in its treatment and add a note on Digitoxin.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Write on Pre-clinical trials.
5. Write notes on Insulin and its preparations.
6. What is Myasthenia Gravis? Briefly discuss the drugs used for the treatment of Myasthenia Gravis.
7. Explain the mechanism of action and pharmacological actions of one drug acting on parkinsonism.
8. Classify anti-anginal drugs with examples. Write the mechanism of action and therapeutic uses of Nitrates.
9. Define autocoids. Write a note on antihistamines and their uses.
10. Explain the pharmacology of Bronchodilators.
11. Discuss about plasma half life and its significance.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define (a) Bioavailability (b) Therapeutic index
13. Name four Catecholamines.
14. Write the mechanism of action of Statins.
15. List out the adverse effect of Morphine.
16. Write the clinical uses of Montelukast.
17. Enlist the adverse effects of Sulfonyl ureas.
18. Two clinical uses of Pseudoephedrine.
19. Give one example for Pharmacokinetic drug interaction.
20. Name two typical and atypical antipsychotics.
21. Explain the term Tachyphylaxis with an example.
