

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – MAY-2018

Max. Marks: 70 Marks

Time: Three Hours

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. Explain the pharmacology of adrenergic blockers
2. Define and classify anti-arrhythmic drugs. Explain the pharmacology of quinidine.
3. Classify anticonvulsants. Write the mechanism of action and pharmacology of phenytoin.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Define bioavailability. Explain the factors affecting bioavailability.
5. Describe the MOA and the pharmacological actions of barbiturates
6. Explain the pharmacological actions and therapeutic uses of Insulin
7. Explain the different stages of general anaesthesia
8. Write a note on lipid derived autacoids
9. Explain the mechanism of action and clinical uses of monteleukast
10. Explain the pharmacology of levodopa and carbidopa.
11. Write a note on calcium channel blockers.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is glaucoma? Name any two drugs used in the treatment of glaucoma
13. Define expectorants. Give two examples
14. Describe the mechanism of action of valproic acid
15. Define therapeutic index
16. Describe biphasic response of adrenaline.
17. Explain the mechanism of action of radioiodine
18. Write two clinical uses of Atenolol
19. Write two adverse effects and uses of estrogen.
20. Explain the triple response of histamine.
21. Mention two clinical uses of ethosuccinamide
