

**Rajiv Gandhi University of Health Sciences, Karnataka**  
II Year Pharm-D Degree Examination – NOVEMBER 2015

**Time: Three Hours**

**Max. Marks: 70 Marks**

**PHARMACOLOGY - I**

**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 the antihypertensive drugs. Discuss the pharmacology of any one  $\beta$ -adrenergic antagonist.
2. Classify different routes of drug administration. Add a note on sublingual route.
3. Write the classification of NSAIDS with examples. Explain the Pharmacology of Salicylates.

**SHORT ESSAYS (Answer any six)**

**6 x 5 = 30 Marks**

4. Write a note on acute toxicity.
5. Explain the mechanism of action of neuromuscular blocking agents.
6. Classify anti-anginals with examples. Explain the mechanism of action and adverse effect of organic nitrates.
7. Classify oral hypoglycemic drugs with examples.
8. Classify drugs used in treatment of asthma.
9. Write a note on Platelet activating factor.
10. Classify adrenergic drugs with examples. Add a note on emergency uses of adrenaline.
11. What is volume of distribution? Write its significance.

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Write extrapyramidal effect of Chlorpromazine.
13. Mechanism of action of local anaesthetics.
14. List the common side effect of Hypnotics.
15. Write mechanism of action of Oxytocin.
16. Serotonergic receptors.
17. What are the disadvantages of ACE inhibitors?
18. Write the uses of morphine.
19. d-Tubocurarine.
20. Antagonism
21. Sumatriptan.

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