

# Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – JAN-2019

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 & classify hypnotics & sedatives with examples. Explain the pharmacology of diazepam.
2. Write a note on adrenergic and cholinergic receptors
3. Classify anti-anginal drugs. Write the pharmacology of statins.

### SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the mechanism of action, adverse effects & therapeutic uses of cholestyramine.
5. Explain mechanism of Phase-II metabolism.
6. Classify the drugs used in the management of cough with examples.
7. Write pharmacology of carbamazepine
8. Explain pharmacology of non-sedative antihistamines
9. Write a note on Oral Contraceptives
10. Explain the pharmacology of diuretics in the treatment of hypertension.
11. Classify local anaesthetics. Explain the pharmacology of Lignocaine.

### SHORT ANSWERS

10 x 2 = 20 Marks

12. Write two clinical uses of naltrexone
13. Mention two merits and demerits of IV route of drug administration
14. Write two adverse effects of buspirone
15. Write two pharmacological actions of testosterone
16. Define agonist. Write two examples.
17. Write two clinical uses of hyoscine
18. Mention two adverse effects and uses of theophylline
19. Write a note on mechanism of action of nicotine
20. Mention four clinical uses of H<sub>1</sub> receptor blockers
21. Write any two adverse effects of insulin therapy

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