Pharmacology 2859_2012_2_S222.doc

Rajiv Gandhi University of Health Sciences, Karnataka
II Year Pharma-D Degree Examination – Sep 2012

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. What are the neurotransmitters present in CNS? Explain neurohumoral transmission

2. Classify drugs used in congestive heart failure. Give the pharmacology of digitalis

3   Enumerate different routes of drug administration and write the merits and demerits of enteral and parenteral route of administration

SHORT ESSAYS (Answer any six)   **6 x 5 = 30 Marks**

4. Discuss the pharmacological actions of phenytoin

5. Write a note on adrenergic receptor blockers

6. Write a note on Dopamine

7. Write a short note on oral hypoglycemic agents

8. Classify anti – depressants with examples explain the pharmacology of amitryptaline

9. Define angina pectoris, classify anti – anginals and describe the mechanism of action of nitro –vasodilators

10. Discuss the pharmacological actions of HMg CoA reductase inhibiters

11. Write the mechanism of actions of fibrates

SHORT ANSWERS   **10 x 2 = 20 Marks**

12. Nasal Decongestants
13. Define drug and health
14. Atenolol
15. Define synergism and antagonism
16. Ligand gated ion channels
17. Secondary messengers
18. Give an account of adverse effects of morphine
19. Beneficial effect of drug-interactions
20. Bronchodilators
21. Write a note on drug metabolizing enzymes

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