



Rajiv Gandhi University of Health Sciences, Karnataka

IV Year Pharma-D (Post Baccalaureate) Degree Examination – Jan 2014

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS I

Q.P. CODE: 2867

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 electrophysiology of heart and add a note on the pathophysiology of cardiac arrhythmias.
2. Write the management of asthma along with its treatment algorithm.
3. Explain the etiopathogenesis, clinical features and treatment of osteoporosis.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the complications of hypertension along with its treatment.
5. Write the differences between type I and type II diabetes mellitus.
6. Write the pathophysiology of congestive cardiac failure and its treatment.
7. Explain the guidelines for prescribing in pediatric patients.
8. Explain the synthesis and release of thyroid hormones and add a note on their functions.
9. Explain the pathophysiology of hyperlipidemia and its treatment.
10. Write the etiopathogenesis of COPD.
11. Explain briefly the types of angina pectoris.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define hormone replacement therapy and write its importance.
13. Write the side effects of statins.
14. Explain any four drug induced pulmonary diseases.
15. What are the types and their clinical features of diabetes mellitus?
16. Explain the pharmacotherapy of myocardial infarction.
17. Define rational drug use and essential drug concept.
18. Define pseudohypertension and emergency hypertension.
19. Write the side effects of ACE inhibitors.
20. Write a note on insulins.
21. Explain the treatment of conjunctivitis.
