



Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharma-D Degree Examination – Sep 2012

Time: Three Hours

Max. Marks: 70 Marks

PATHOPHYSIOLOGY

Q.P. CODE: 2856

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. Describe the mechanism of cell injury induced by hypoxia?
2. Explain the etiology, pathogenesis and symptoms of HIV- infection?
3. Describe the etiology and pattern of spread of tumors?

SHORT ESSAYS (Answer Any Six)

6 x 5 = 30 Marks

4. Explain the different types of glycogen storage diseases?
5. Describe the factors influencing wound healing?
6. What are transplantation antigens? Explain their role in transplant rejection reaction?
7. Write the clinical symptoms and explain the pathogenesis of Parkinsonism?
8. Explain the pathophysiology and symptoms of Tuberculosis?
9. Describe the pathogenesis of congestive cardiac failure?
10. Explain biological effects of radiation?
11. Explain the pathophysiology of Atherosclerosis

SHORT ANSWERS (All)

10 x 2 = 20 Marks

12. What are the factors influencing the degree of cell damage?
13. Name the agents causing inflammation and give the signs of inflammation?
14. What are the biological significances of hypersensitivity?
15. What are lipoproteins? Give examples.
16. Give clinical symptoms of malaria.
17. Write the difference in symptoms of Asthma and COPD
18. Define and etiology of urinary tract infection
19. Difference between cardiogenic shock and hypovolemic shock?
20. Name two fat soluble vitamins and their function?
21. Distinguish between benign and malignant tumour?
