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)

 $2 \times 10 = 20 \text{ Marks}$

- 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)

 $6 \times 5 = 30 \text{ Marks}$

- 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 pathophisiology 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 (AII)

 $10 \times 2 = 20 \text{ Marks}$

- 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?
