

# Rajiv Gandhi University of Health Sciences, Karnataka

Second Year Pharm. D Degree Examination – Feb/March 2011

**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. Explain the chemical mediators and their role in the process of inflammation
2. Enumerate various types of hypersensitivity reactions. Describe type I hypersensitivity reaction
3. Write a note on wound healing and factors affecting wound healing

#### SHORT ESSAYS (Answer Any Six)

**6 x 5 = 30 Marks**

4. Explain the metastasis of cancer
5. Describe the mechanism of allograft rejection
6. Discuss the pathogenesis of chronic inflammation
7. Explain the etiology and metabolic changes of obesity
8. Explain the pathological role of rennin – angiotensin – system
9. Describe the Autoimmune diseases
10. Explain the pathogenesis of parkinsonism
11. Explain the different types of angina pectoris and their clinical features

#### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Hepatitis-B
13. 'T' lymphocytes
14. Myocardial infarction
15. Deficiency symptoms of vit A
16. Lipoproteins
17. Leprosy
18. HIV virus
19. Urinary tract infection
20. Diabetes mellitus
21. Typhoid

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