

# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Pharm Degree Examination – Sep 2012

**Time: Three Hours**

**Max. Marks: 80 Marks**

## PATHOPHYSIOLOGY (RS - 2)

**Q.P. CODE: 1958**

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 pathogenesis of hypoxic injury
2. Explain acute metabolic complications of diabetic mellitus
3. Discuss in detail etiology of cancer and add note on mechanism of carcinogenesis

### SHORT ESSAYS (Answer any Eight)

**8 x 5 = 40 Marks**

4. Explain the mechanism of allograft rejection
5. Explain wound healing by first intention
6. Explain etiopathogenesis of acute renal failure
7. Chemical etiopathogenesis in acute inflammation
8. Explain the pathophysiology of Angina Pectoris
9. Explain the pathophysiology of Hypertension
10. Explain the spread and growth of malignant tumour
11. Describe pathophysiology of shock
12. Explain the pathophysiology of Alcoholic Liver Diseases
13. Classify autoimmune diseases

### SHORT ANSWERS

**10 x 2 = 20 Marks**

14. What is obesity?
15. STD-Diseases
16. Difference between benign and malignant tumours
17. Antigen-antibody reaction
18. Prostaglandins
19. Penicillin allergy
20. Biological effect of radiation
21. Chronic inflammation
22. Hyperplasia
23. Anaemia

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