

# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B. Pharm Degree Examination – JAN-2019

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PATHOPHYSIOLOGY (Revised Scheme 4)**

**Q.P. CODE: 2632**

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 pathogenesis of peptic ulcer disease.
2. List out the chemical mediators and their role in the process of inflammation.
3. What are metabolic disorders? Explain the pathogenesis of diabetes mellitus.

### **SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Write the mechanism of free radicals induced cell injury.
5. Discuss the pattern of spread of cancer.
6. Write a note Type III hypersensitivity reaction.
7. Describe the pathophysiology of chronic renal failure.
8. Discuss the mechanism involved in stages of shock.
9. Pathogenesis of reversible cell injury
10. Explain the causes and metabolic changes of starvation.
11. Explain the pathophysiology of congestive cardiac failure.

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. What is Isograft?
13. Mention the toxic effects of radiations.
14. Write the symptoms of schizophrenia.
15. Write four contrasting features of benign and malignant tumour.
16. What is Scurvy?
17. Enlist the types of pneumonia.
18. What is Phenylketonuria?
19. Name the causative organism for urinary tract infection.
20. Write the effects of cigarette smoking.
21. What is SLE?

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