

# Rajiv Gandhi University of Health Sciences, Karnataka

## Second Semester B.Pharm Degree Examination – 06-Jun-2023

**Time: Three Hours**

**Max. Marks: 75**

### **PATHOPHYSIOLOGY**

#### **Q.P. CODE: 5008**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary  
All the questions are compulsory

#### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Explain Etiology, pathogenesis and morphology of irreversible cell injury  
**OR**  
Describe the etiology and pathogenesis of angina pectoris
2. Explain etiology and pathogenesis of diabetes mellitus

#### **SHORT ESSAYS**

**7 x 5 = 35 Marks**

3. Explain the various cellular events of acute inflammation  
**OR**  
Describe pathogenesis and symptoms of asthma
4. Explain pathogenesis, signs and symptoms of Parkinson's disease  
**OR**  
Explain pathogenesis of peptic ulcer
5. Describe etiology and pathogenesis of inflammatory bowel syndrome
6. Define metastasis and briefly explain the types of spread of cancer.
7. Explain pathogenesis of rheumatoid arthritis
8. Explain etiology and pathogenesis of AIDS
9. Describe pathogenesis, signs and symptoms of Leprosy

#### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

10. Differentiate between Hypertrophy and Hyperplasia
11. Write the etiology of osteoporosis
12. Write the differences between transudate and exudate
13. Define Hemophilia and megaloblastic anaemia
14. Write the etiology and symptoms of acute renal failure
15. Define myocardial infarction and atherosclerosis
16. Write the causative organism for typhoid and tuberculosis
17. Write the etiology of gout
18. Define Benign and Malignant tumor
19. What are the different stages of alcoholic liver disease?

\*\*\*\*\*