

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Second Semester B.Pharm Degree Examination – 24-Mar-2021**

**Time: Three Hours**

**Max. Marks: 75 Marks**

**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 reversible cell injury  
**OR**  
Define angina pectoris. Briefly discuss types and pathogenesis of angina
2. What are metabolic disorders? Explain pathogenesis of diabetes mellitus.

**SHORT ESSAYS**

**7 x 5 = 35 Marks**

3. List out the Chemical mediators and their role in the process of inflammation  
**OR**  
Explain the pathogenesis and clinical symptoms of Asthama
4. Explain pathogenesis, signs and symptoms of Parkinsonism  
**OR**  
Explain the development of alcoholic liver disease
5. Explain the etiology, pathogenesis, signs and symptoms of Tuberculosis.
6. What are the various biochemical intracellular accumulations found in Cell Injury?
7. Describe the Pathophysiology of hypertension.
8. Explain Pathogenesis of AIDS.
9. Explain Pathogenesis, clinical presentation of Rheumatoid arthritis.

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

10. Differentiate Apoptosis and Necrosis.
11. List the factors affecting wound healing.
12. Name the cause for acute renal failure.
13. Define Iron deficiency anemia and Megaloblastic anemia.
14. Write the signs and symptoms of Hyperthyroidism.
15. Write the signs and symptoms of Alzheimer's disease.
16. Define Inflammatory Bowel Disease. Mention the types.
17. Write four contrasting features of benign and malignant tumor.
18. Causative organism and signs, symptoms for UTI.
19. Name the causative agent, mode of transmission, signs and symptoms for Gonorrhea.

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