

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester B.Pharm Degree Examination – 08-May-2025

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. What is Atherosclerosis? Explain the pathophysiology of Atherosclerosis.

OR

Define and classify Anemia. Explain the pathogenesis of Megaloblastic Anemia.

2. Define and classify angina pectoris. Discuss the pathogenesis of Angina.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Explain the various types of Cellular adaptations with examples.

OR

Write a note on mediators of Inflammation

4. Explain the pathogenesis of Acute Renal Failure.

OR

Explain the pathogenesis of stroke.

5. Explain the etiology, pathogenesis, sign and symptoms of Depression.

6. Write the differences between Benign and Malignant tumors.

7. Explain the pathogenesis of Rheumatoid Arthritis.

8. Explain the etiology, pathogenesis, signs and symptoms of Leprosy.

9. Write a note on Jaundice.

SHORT ANSWERS

10 x 2 = 20 Marks

10. What is healing by primary intention?

11. What are clinical signs of Inflammation?

12. Define Dysplasia and Hyperplasia.

13. Mention the signs and symptoms of Congestive heart failure.

14. Signs and symptoms of Alzheimer's disease

15. Define sexually transmitted diseases. Mention the causative organisms of any two diseases.

16. Explain the signs and symptoms of Gout.

17. **Name the causative organisms and mode of transmission for Typhoid.**

18. What is Meningitis? Mention its causative agent.

19. What is Liver cirrhosis and Liver fibrosis?

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Gen-Z Medicos