

# Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester B.Pharm Degree Examination – 10-Nov-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 various types of cellular adaptations. Give examples

OR

List out the chemical mediators and their role in the process of inflammation

2. Define and classify tumors. Explain about metastasis and spread of cancer

### SHORT ESSAYS

7 x 5 = 35 Marks

3. Explain the process of healing by primary intention

OR

**Write a note on pathogenesis and morphology of reversible cell injury**

4. Explain angina. Discuss the pathogenesis of angina pectoris

OR

Explain Alzheimer's disease. Write the pathogenesis, signs and symptoms of Alzheimer's disease

5. Explain myocardial infarction. Write the etiology, pathogenesis of myocardial infarction

6. **Write causative agent mode of transmission of pathogenesis of typhoid.**

7. Explain the etiology, pathogenesis, sign and symptoms of urinary tract infection

8. Explain hepatitis. Write the pathogenesis, sign and symptoms of hepatitis

9. **Explain the factors affecting wound healing**

### SHORT ANSWERS

10 x 2 = 20 Marks

10. Difference between benign and malignant tumors

11. **Define meningitis & write its symptoms.**

12. **Write the causative agent mode of transmission & symptoms of HIV**

13. Explain acute renal failure

14. Write the sign and symptoms of hyperthyroidism

15. Explain gout

16. Explain rheumatoid arthritis

17. Define peptic ulcer

18. Note on primary hypertension

19. Name the causative organism for syphilis and gonorrhea

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