

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 03-Nov-2023

Time: Three Hours

Max. Marks: 70 Marks

PATHOPHYSIOLOGY (RS & RS2)

Q.P. CODE: 2856

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 causes, pathogenesis and morphology of irreversible cell injury.
2. Define autoimmunity and Classify autoimmune disease and describe the mechanism of autoimmunity.
3. Explain the pathogenesis of peptic ulcer disease and IBD (Inflammatory Bowel Disease).

SHORT ESSAYS (Answer Any Six)

6 x 5 = 30 Marks

4. Explain the process of healing by Primary Intention?
5. Briefly discuss plasma derived mediators of acute inflammation.
6. With the clinical symptoms, explain the pathogenesis of Parkinsonism.
7. Discuss the pattern of spread of cancer.
8. Explain the pathogenesis of asthma.
9. Explain the pathogenesis and clinical symptoms of CCF.
10. Describe the pathogenesis of type 2-diabetes mellitus.
11. Describe the pathophysiology of chronic renal failure.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the diagnostic tests for Typhoid and Malaria.
13. Enlist Water soluble vitamins.
14. Define hyperlipidemia and mention the types of hyperlipidemic diseases.
15. Write the mechanism of cardiogenic shock.
16. Write the causative agent, mode of transmission, signs and symptoms of Urinary tract infection.
17. Explain the Toxic effects produced by NO?
18. Differentiate between necrosis and apoptosis.
19. What are the effects of protein calorie malnutrition?
20. Write the therapeutic applications of radiations.
21. List any two STD and its causative organisms.
