

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 28-Apr-2025

Time: Three Hours

Max. Marks: 70

PATHOPHYSIOLOGY (RS & RS-2)

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 etiology, pathogenesis and morphology of cell injury
2. What is allograft? What are the various mechanisms involved in the rejection of an allograft?
3. What are metabolic disorders? Explain pathogenesis of diabetes mellitus

SHORT ESSAYS (Answer Any Six)

6 x 5 = 30 Marks

4. Explain the process of apoptosis
5. Explain the role of autacoids in inflammation
6. Briefly explain the mechanism of immune tolerance
7. Explain histological diagnosis of tumors
8. Discuss the etiology and pathogenesis of shock
9. Explain the causes and metabolic changes of starvation
10. Describe the pathology of sexually transmitted diseases
11. Explain promotion of carcinogenesis

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the causative agent, mode of transmission, signs and symptoms of urinary tract infection
13. Mention the causes for acute renal failure
14. What is Scurvy?
15. Enlist types of Ionizing and Nonionizing radiations
16. Give examples for radiation induced malignancies
17. Draw and label AIDS virus
18. Briefly discuss components of immune systems
19. Write an lung function tests for the diagnosis of asthma
20. What is Hypertrophy? Give an example each for physiological and pathological hypertrophy
21. Write the differences between transudate and exudate
