

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharm-D Degree Examination – 29-May-2024

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. Enlist the etiological agents causing cell injury. Describe the pathogenesis and morphology of reversible cell injury induced by hypoxia/ Ischemia.
2. Define Angina pectoris. Briefly discuss types and pathogenesis of angina.
3. What are the different types of hypersensitivity reactions? Describe the Type 1 hypersensitivity reaction.

SHORT ESSAYS (Answer Any Six)

6 x 5 = 30 Marks

4. Explain the pathogenesis of chronic inflammation.
5. With the clinical symptoms explain the pathogenesis of syphilis.
6. Explain pathogenesis of peptic ulcer.
7. Explain the process of healing by Primary Intention?
8. Explain the pathogenesis of Asthma.
9. Briefly outline the molecular mechanism of cancer.
10. Explain the causes and metabolic changes of starvation.
11. Explain the pathophysiology of congestive cardiac failure.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define Stroke and mention its types.
13. What is Radiation sickness?
14. Define Carcinogenicity.
15. What is Autograft?
16. Name two fat soluble vitamins and their function.
17. List the factors affecting wound healing.
18. List any two STD and its causative organisms.
19. Define shock. Mention the types of shock.
20. Name the causative organism for Urinary tract infection.
21. Differentiate between Necrosis and Apoptosis.
