

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B. Pharm Degree Examination – 09-Jan-2020

Time: Three Hours**Max. Marks: 70 Marks****PATHOPHYSIOLOGY (RS - 4)****Q.P. CODE: 2632**

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. Describe the pathogenesis of irreversible cell injury induced by hypoxia/Ischaemia.
2. Define metastasis. Briefly discuss the routers of metastasis.
3. Write in detail the vascular events involved in the process of inflammation.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. What is healing by secondary intention?
5. Differentiate between cell mediated and humoral immunity
6. Write a note Type IV hypersensitivity reaction.
7. How do UV radiation affect the biological system? Explain.
8. Write a note on risk factors of atherosclerosis.
9. Discuss the factors affecting wound healing.
10. Explain the pathogenesis of tuberculosis.
11. Explain the pathogenesis of Asthma.

SHORT ANSWERS**10 x 2 = 20 Marks**

12. Enlist the clinical features of decompensated shock.
13. Define Angina. Mention the types.
14. Enlist the types of pneumonia.
15. Enlist Cytogenic disorders.
16. Differentiate between necrosis and degeneration
17. Name the causative agent, mode of transmission, signs and symptoms for Gonorrhea.
18. Write the complications of Diabetes mellitus.
19. What are cardinal signs of inflammation?
20. What is Thalassemia?
21. Write the cause for acute renal failure.
