

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Pharm Degree Examination – JAN-2019

Time: Three Hours**Max. Marks: 80 Marks**

PATHOPHYSIOLOGY (RS - 2)

Q.P. CODE: 1958

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 in detail the general biology and spread of tumors.
2. Explain in detail pathogenesis and chemical mediators of acute-inflammation.
3. Describe the pathogenesis of reversible cell-injury by hypoxia.

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Mechanism of auto-immunity
5. Add a note on indoor air-pollutions.
6. Pathogenesis of nutritional deficiency diseases
7. Classify Glycogen storage diseases
8. Distinguish between Benign and Malignant-tumor.
9. Describe about types of immune cells.
10. Biological significance of hypersensitivity reactions
11. Describe hypovolemic shock and its-management.
12. Describe pathogenesis and clinical symptoms of angina pectoris
13. Describe pathogenesis and clinical symptoms of Pneumonia.

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

14. Food allergy
15. Atrophy and hypertrophy
16. Autograft and Allograft
17. Metaplasia and Anaplasia
18. Tumor-markers
19. Cirrhosis
20. Chemical nature of HDL and VLDL
21. Protein energy malnutrition
22. General Structure of HIV-virus
23. Arthus-reaction
