

# Rajiv Gandhi University of Health Sciences, Karnataka

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

**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. Define cell injury; explain causes & pathogenesis of reversible cell injury?
2. Describe the causes, pathogenesis, & biology of Cancer.
3. Classify and explain Pathogenesis of autoimmune diseases.

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

4. Explain Parkinson s disease.
5. Write a note Urinary tract infection.
6. Explain cell derived chemical mediators in inflammation.
7. Explain Glycogen storage diseases.
8. Write a note on protein energy malnutrition.
9. Write the pathogenesis of hypertension.
10. Differentiate between Necrosis and Apoptosis.
11. Biological effects of Ionizing radiations
12. Role of free radicals in cell injury
13. Write a note on peptic Ulcer.

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

14. Causative organism of Leprosy and Dysentery
15. Tuberculosis
16. List out Tumor markers.
17. Significance of HDL and VLDL
18. Define Carcinogenicity and Teratogenicity
19. Define Wound healing and mention types.
20. Atherosclerosis risk factors
21. Define Ischemia and Hypoxia.
22. Pathogenesis of starvation
23. Carbon monoxide poisoning

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