

# Rajiv Gandhi University of Health Sciences, Karnataka

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

**Time: Three Hours**

**Max. Marks: 70 Marks**

## PATHOPHYSIOLOGY (Revised Scheme 3)

**Q.P. CODE: 2608**

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 General Biology and pathogenesis of tumours.
2. Describe wound healing and the factors affecting wound healing.
3. What are types of hypersensitivity? Explain the pathogenesis of Type II hypersensitivity.

### SHORT ESSAYS (Answer any Six)

**6 x 5 = 30 Marks**

4. Write a note on T and B cells.
5. Explain serum sickness.
6. Write a note on diagnostic tests for tuberculosis.
7. Explain the life cycle of malarial parasite.
8. Explain biological effects of non ionizing radiations.
9. Briefly explain the pathogenesis of HIV infection.
10. Write a note on lipoproteins.
11. Depression and mania

### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Fat soluble vitamins
13. Graft versus host reaction in organ transplantation.
14. Hepatitis A and B
15. Types of tissue grafts
16. Criteria for autoimmunity
17. Types of angina
18. Septic shock
19. Pneumonia
20. Effects of starvation
21. Cardinal signs of inflammation

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