

Rajiv Gandhi University of Health Sciences, Karnataka
Second Semester B.Pharm Degree Examination – JUNE-2019

Time: Three Hours

Max. Marks: 75 Marks

Pathophysiology
Q.P. CODE: 5008

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 etiology, pathogenesis of Peptic Ulcer.
2. Explain etiology, pathogenesis and morphology of irreversible cell injury.
3. Explain the etiology, pathogenesis of Asthma.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Define myocardial infarction. Briefly write the morphology of infarction.
5. Explain Inflammatory Bowel Disease.
6. Write the mechanism of free radicals induced cell injury.
7. Briefly discuss plasma derived mediators of acute inflammation.
8. Differentiate between Rheumatoid arthritis and Gout.
9. Explain Pathogenesis of tuberculosis.
10. Mention sexually transmitted diseases. Explain pathogenesis of AIDS.
11. What is Cerebrovascular Disease? Explain pathogenesis if Stroke.
12. Explain sequential stages in chemical carcinogenesis.

SHORT ANSWERS (Answer All)

10 x 2 = 20 Marks

13. Define Ischemia and Hypoxia.
14. Write the causative agent, mode of transmission, signs and symptoms of Urinary tract infection.
15. Name the causative agent, mode of transmission, signs and symptoms for Syphilis.
16. Differentiate Transudate and Exudate.
17. Explain the role of autotoxins in inflammation.
18. Write a note on hereditary acquired anemia.
19. Symptoms of Parkinsonism.
20. Note on Biologic carcinogenesis.
21. What are the pathological changes in asthma?
22. Give examples for radiation induced malignancies.
