

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 23-May-2025

Time: Three Hours

Max. Marks: 50 Marks

Applied Pathology – (Sec A)
Q.P. CODE: 3399

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 3399 and 3400 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. Enumerate the risk factors of atherosclerosis and discuss role of lipid and endothelial injury in its pathogenesis.
2. Define and list the ischemic heart disease. Explain myocardial infarction in detail.

SHORT ESSAYS (Answer any five)

5 x 5 = 25 Marks

3. Describe etiology and pathogenesis of chronic bronchitis.
4. Describe causes and mechanism of acute renal failure.
5. Name two types of pneumoconiosis and explain any one type in detail.
6. Write about chronic pyelonephritis mechanism and clinical manifestations.
7. Define pathogenesis of emphysema.
8. Define and classify aneurysm.

SHORT ANSWER (Answer any five)

5 x 3 = 15 Marks

9. What are the complications of renal stones?
10. Write three causes of pleural effusion.
11. Write three causes for ESRD.
12. Write three causes of pulmonary edema.
13. Name the morphological types of anemia.
14. Name three bleeding disorders and its lab tests.
