Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 28-Oct-2026

Time: Three Hours **Max. Marks: 50**

Applied Pathology – (Sec A)

Q.P. CODE: 3399

Your answers should be specific to the questions asked.
Draw neat labelled 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. Define aneurysm. Explain classification, pathology and complications
2. Define congenital heart diseases. Describe types and their effects

SHORT ESSAYS (Answer any five) **5 x 5 = 25 Marks**

3. Explain atherosclerosis: pathogenesis and prevention
4. Describe cardiomyopathy: types and causes
5. Write a note on leukocyte disorders
6. Explain glomerulonephritis and pyelonephritis
7. Describe pulmonary congestion and edema
8. Write a note on artificial valve complications

SHORT ANSWER (Answer any five) **5 x 3 = 15 Marks**

9. Define heart failure
10. Causes of hemolytic anaemia
11. Types of Chronic Obstructive Pulmonary Disease
12. Define End stage renal disease
13. Basic defect in congenital heart disease
14. Define pneumoconiosis

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