

# Rajiv Gandhi University of Health Sciences, Karnataka

## **II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree Examination – 28-Oct-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. Define atherosclerosis. Discuss the risk factors and pathogenesis of atherosclerosis.
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 pyelonephritis.
4. Classify bronchial asthma. Discuss the cases and pathology of asthma.
5. Name two types of pneumoconiosis and explain any one type in detail.
6. Classify Leukemia according to FAB.
7. Briefly discuss various laboratory tests used to diagnosis of bleeding disorders.
8. Define and classify aneurysm.

#### **SHORT ANSWER (Answer any five)**

**5 x 3 = 15 Marks**

9. List the types of angina.
10. Write three causes of pleural effusion.
11. Write three causes of End stage renal disease.
12. Write three causes of pulmonary edema.
13. Name the morphological types of anemia.
14. List the causes of cardiac hypertrophy.

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