Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Allied Health Sciences Degree Examination – 28-Oct-2026

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

APPLIED PATHOLOGY – (Sec A) - (RS-3)
(Anaesthesia Technology and Operation Technology)
Q.P. CODE: 3404

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary
(Note: Both QP Codes 3404 and 3405 are to be answered within total duration of 3 hours)

LONG ESSAYS **1 x 10 = 10 Marks**

1. Define anaemia. Give the etiologic classification of anemias. Discuss the laboratory diagnosis of hemolytic anemia in general

SHORT ESSAYS (Question No. 4 choice) **5 x 5 = 25 Marks**

2. Causes and pathogenesis of atherosclerosis
3. Complications of myocardial infraction
4. Briefly discuss pathogenesis of bronchial asthma
   OR
   Briefly discuss causes and diagnosis of iron deficiency anemia
5. Causes and diagnosis of pleural effusion
6. Causes and complications of pyelonephritis

SHORT ANSWER (Question No.9 choice) **5 x 3 = 15 Marks**

7. Name renal function tests
8. List and causes of pulmonary edema
9. Agranulocytosis
   OR
   List four causes of leukocytosis
10. Laboratory tests used to diagnose bleeding disorders
11. Compilations of renal stones

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