

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 28-Oct-2025

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

$1 \times 10 = 10$ Marks

1. Define anemia. List the morphological types of anemia. Add a note on Hemolytic anemia.

SHORT ESSAYS (Question No. 4 choice)

$5 \times 5 = 25$ Marks

2. Write the cause and diagnosis of pericardial effusion.
3. Explain the causes and mechanism of pulmonary edema.
4. Define and classify hypertension. Write briefly about pathological effects of hypertension.
OR
Describe etiopathogenesis of myocardial infarction.
5. Describe etiopathogenesis of emphysema.
6. Discuss lab diagnosis of bleeding disorders.

SHORT ANSWER (Question No.9 choice)

$5 \times 3 = 15$ Marks

7. Define leukocytosis with examples.
8. List four congenital heart diseases.
9. List four risk factors for Ischemic heart disease.
OR
Prothrombin time-normal value.
10. Classify cardiomyopathy.
11. List three causes of pyelonephritis.
