

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 – (RS-2) **Q.P. Code: 1234**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

(Note: Both QP Codes 1234 and 1235 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Classify Myocardial Infarction. Discuss the etiopathogenesis of Myocardial infarction and add a note on enzyme changes in Myocardial infarction.
2. Define and classify anemias. Discuss the laboratory diagnosis of Megaloblastic anemia.
3. Define and classify Pneumonia. Mention differences between Lobar and Bronchopneumonia. Add a note on complications of Pneumonia.

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

4. Classification of acute Myeloblastic Leukemia (AML).
5. Classify and discuss the pathogenesis of Bronchial Asthma.
6. Types of cardiomyopathies
7. Describe the peripheral blood smear findings in Chronic lymphocytic leukemia.
8. Fallot's Tetrology

SHORT ANSWERS (Answer any Five)

5 x 3 = 15 Marks

9. Mention three major criteria in diagnosis of Rheumatic fever.
10. Define Bronchiectasis.
11. Mention three causes of increased Prothrombin time.
12. Mention three methods of Haemoglobin estimation.
13. Mention three causes of secondary hypertension.
14. Mention three types of Renal stones.
15. Mention three causes of Proteinuria.
