



**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.Sc. Respiratory Care Technology Degree Examination – 17-May-2023**

**Time: Three Hours**

**Max. Marks: 50 Marks**

**Applied Pathology (RS-3)**

**Q.P. CODE: 3396**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

**(Note: Both QP Codes 3396 and 3397 are to be answered within total duration of 3 hours)**

**LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Classify anemia. Discuss the laboratory diagnosis of Hemolytic anemia.
2. Discuss the causes, effect and diagnosis of pleural effusion.

**SHORT ESSAYS (Answer any Five)**

**5 x 5 = 25 Marks**

3. Define and classification of leukemia.
4. Laboratory diagnosis of bleeding disorder.
5. Dilated cardiomyopathy.
6. Morphology and etiopathogenesis of Bronchiectasis.
7. Discuss on coal worker's pneumoconiosis.
8. Hematocrit.

**SHORT ANSWER**

**5 x 3 = 15 Marks**

9. Types of hypertension.
10. Differentiate obstructive and restricted pulmonary disease.
11. Normal value of bleeding and clotting time.
12. Morphologic features of Emphysema.
13. Types of chronic obstructive pulmonary disease.

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