

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Year B.Sc. Respiratory Care Technology Degree Examination – 29-May-2024

**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. Define pneumoconiosis. Discuss the pathogenesis and morphology of coal-workers pneumoconiosis.
2. Define hypertension. Discuss the pathogenesis of hypertension.

#### **SHORT ESSAYS (Answer any Five)**

**5 x 5 = 25 Marks**

3. Discuss the laboratory findings of Iron deficiency anemia.
4. Describe the etiopathogenesis of Bronchiectasis.
5. Define polycythemia. Discuss the laboratory findings of polycythemia.
6. Describe the etiopathogenesis and enumerate the complications of Myocardial Infarction.
7. Discuss the pathophysiology and laboratory diagnosis of Acute leukemia.
8. Discuss procedure for estimating bleeding time.

#### **SHORT ANSWER**

**5 x 3 = 15 Marks**

9. List the morphological types of Emphysema.
10. List three causes of pericardial effusion.
11. List three causes of mitral stenosis.
12. List the types of cardiomyopathies.
13. List the causes of Eosinophilia.

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