

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.Sc. Allied Health Sciences Degree Examination – 23-Dec-2022**

**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 and list the types of chronic obstructive airway diseases. Describe in detail about chronic bronchitis

**SHORT ESSAYS (Question No. 4 choice)**

**5 x 5 = 25 Marks**

2. Write the causes and diagnosis of pleural effusion
3. Explain the causes and mechanism of chronic renal failure
4. Pathogenesis and effects of hypertension

**OR**

Pathology and effects of pneumoconiosis

5. Laboratory diagnosis of hemolytic anemia
6. Define and classify leukemia

**SHORT ANSWER (Question No.9 choice)**

**5 x 3 = 15 Marks**

7. Define end stage renal disease
8. Normal values of hemoglobin
9. Bleeding time – normal value

**OR**

Hematocrit – normal value

10. Prevention of atherosclerosis
11. Classification of aneurysms

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