

# Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology

Degree Examination – 21-Nov-2024

Time: Three Hours

Max. Marks: 50 Marks

## APPLIED PATHOLOGY – (Sec A)

### Q.P. CODE: 3399

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

**(Note: Both QP Codes 3399 and 3400 are to be answered within total duration of 3 hours)**

#### LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. Classify anemia and explain in detail about Hemolytic anemia
2. Enumerate the types of chronic obstructive airway disease. Add a note on emphysema

#### SHORT ESSAYS (Answer any five)

5 x 5 = 25 Marks

3. Pathogenesis of renal hypertension
4. Laboratory findings in iron deficiency anaemia
5. Pathology and complications of acquired valvular heart disease
6. Explain the mechanism and laboratory diagnosis of acute renal failure
7. Discuss the etiopathogenesis of myocardial infarction
8. Pneumoconiosis

#### SHORT ANSWER (Answer any five)

5 x 3 = 15 Marks

9. Risk factors of atherosclerosis
10. List four causes of Polycythemia
11. Give the normal values of hemoglobin and hematocrit
12. Morphology of pulmonary edema
13. Morphologic features of chronic glomerulonephritis
14. Classify leukemia

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