

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 29-May-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. Define anemia. Explain its morphological classification and add a note on polycythemia
2. What is ischaemic heart disease? Explain the pathology and complications of various types of ischaemic heart disease

SHORT ESSAYS (Answer any five)

5 x 5 = 25 Marks

3. Write the causes and clinical significances of Cardiomyopathy
4. Differentiate obstructive and restrictive pulmonary disease
5. Explain the role of dialysis and renal transplantation in end stage renal disease
6. Laboratory tests used to diagnose bleeding disorder
7. Describe the hemoglobin estimation and its normal value
8. Explain the pathogenesis and clinical significances of atherosclerosis

SHORT ANSWER (Answer any five)

5 x 3 = 15 Marks

9. Agranulocytosis
10. Morphological features of Bronchial asthma
11. List four Red cell indices
12. Mention the causes of pericardial effusion
13. Acute Pyelonephritis
14. Normal value and four causes of increased bleeding time
