

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. (Allied Health Sciences) Degree Examination – 21-Nov-2024

Time: Three Hours

Max. Marks: 50 Marks

Applied Pathology – (RS-2)
Q.P. Code: 1234

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 1234 and 1235 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Discuss the pathophysiology of heart failure.
2. Discuss the pathogenesis and clinical features of emphysema.
3. Classify acute leukemia. Write a note on laboratory diagnosis of acute leukemia.

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

4. Write a short note on modifiable risk factors of hypertension.
5. Write the normal total white blood cell count (WBC). List any two causes of leucopenia and leukocytosis.
6. Discuss any two causes of end-stage renal disease and add a note on a renal transplant.
7. Discuss restrictive cardiomyopathy.
8. Discuss asbestosis.

SHORT ANSWERS (Answer any Five)

5 x 3 = 15 Marks

9. Name any three diagnostic criteria of polycythemia vera.
10. Write the normal value of the Prothrombin Time (PT). list any two causes of prolonged PT.
11. Name any three laboratory evidence of hemolytic anemia.
12. List any three laboratory parameters of chronic renal disease.
13. Name any three complications of artificial heart valves.
14. Write any three clinical features of nephrotic syndrome.
15. List any three causes of urinary tract obstruction.
