

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 30-Oct-2025

Time: Three Hours

Max. Marks: 50 Marks

Applied aspects of Pathology (RS-3)

Q.P. CODE: 3301

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 3301 and 3403 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Describe the etiopathogenesis of acute and chronic pyelonephritis. What are the gross and microscopic features of chronic pyelonephritis?
2. List the cause of hydronephrosis. Describe the morphology and the microscopy of it.

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

3. Describe hereditary nephritis.
4. Describe adult polycystic kidney.
5. Describe types renal calculi.
6. Discuss nephrotic syndrome.
7. Renal changes in Diabetes Mellitus.
8. Discuss malignant hypertension.

SHORT ANSWER (Answer any FIVE)

5 x 3 = 15 Marks

9. List diagnosis of Urinary Tract Infection.
10. List causes of renal artery stenosis
11. List causes of Acute tubular necrosis.
12. Name three causes of acute renal failure.
13. What is End stage renal disease.
14. Name three causes of granular contracted kidney.
