

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 07-May-2026

Time: Three Hours

Max. Marks: 50

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 OP 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. Explain pathophysiology of acute renal failure
2. List congenital abnormalities of the kidney and explain abnormalities during development and abnormalities in shape and position

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

3. Describe the pathogenesis of Urinary tract infections
4. Explain etiopathogenesis of nephrolithiasis
5. Describe etiopathogenesis and morphology of acute post streptococcal glomerulonephritis
6. Discuss etiopathogenesis of IgA nephropathy
7. Discuss pathology of peritonitis
8. Describe hypertensive changes in the kidney

SHORT ANSWER (Answer any Five)

5 x 3 = 15 Marks

9. List the types of renal calculi
10. Describe end-stage renal disease
11. Describe renal artery stenosis
12. List three causes of hydronephrosis
13. Describe dialysis induced changes in kidney
14. List three causes for haematuria
