

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.Sc. Renal Dialysis Technology Degree Examination – 08-May-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. Define and classify pyelonephritis. Explain in detail acute pyelonephritis.
2. Describe the renal changes in hypertension.

**SHORT ESSAYS (Answer any Five)**

**5 x 5 = 25 Marks**

3. Describe rapidly progressive glomerulonephritis.
4. Discuss IgA Nephropathy.
5. Describe polycystic kidney disease.
6. Describe renal changes in diabetes.
7. Define and classify amyloidosis. Write the microscopic features of it.
8. Explain renal complications in pregnancy.

**SHORT ANSWER (Answer any FIVE)**

**5 x 3 = 15 Marks**

9. Renal artery stenosis.
10. Types of renal calculi.
11. Name three causes of acute renal failure.
12. Urinary findings in Nephrotic syndrome.
13. Name three causes of hydronephrosis.
14. Name three causes of contracted granular kidney.

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