Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – 31-Oct-2026

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. Classify glomerulonephritis. Discuss the etiopathogenesis of acute post-streptococcal glomerulonephritis. Describe its light microscopy, electron microscopy and immunofluorescence findings.
2. Discuss the causes, pathology and diagnosis of chronic renal failure.

SHORT ESSAYS (Answer any Five) **5 x 5 = 25 Marks**

3. Describe bacterial peritonitis.
4. Renal complications in pregnancy.
5. Explain Goodpasture syndrome.
6. Explain Polycstic kidney disease.
7. Pathology of end stage kidney disease.
8. Urinary tract infections causes and lab diagnosis.

SHORT ANSWER (Answer any FIVE) **5 x 3 = 15 Marks**

9. Name three causes of contracted granular kidney.
10. Sterile pyuria.
11. Name three causes of hematuria.
12. List four causes of hydronephrosis.
13. Classify renal cell carcinoma.
14. Triple phosphate renal stone.

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