

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.Sc. Renal Dialysis Technology Degree Examination – 28-Nov-2023**

**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. Discuss in detail the renal changes in hypertension. What are its complications?
2. Describe the pathology of the peritoneum in patients undergoing peritoneal dialysis.

**SHORT ESSAYS (Answer any Five)**

**5 x 5 = 25 Marks**

3. Pathology of glomerular diseases.
4. End stage renal diseases causes and pathophysiology
5. Tuberculosis of the urinary tract causes and lab diagnosis.
6. Pregnancy induced renal pathology.
7. Describe pathophysiology of tubular interstitial.
8. Describe pathogenesis of renal vascular disorders.

**SHORT ANSWER (Answer any Five)**

**5 x 3 = 15 Marks**

9. List three causes of Hyperkalemia.
10. Renal agenesis.
11. Xanthogranulomatous Pyelonephritis.
12. Bacterial peritonitis.
13. Nephrotic syndrome.
14. List three morphological findings in Diabetic Nephropathy.

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