

**Second Year B.Sc Dialysis Technology Supplementary Examinations  
December 2022****Paper III –Applied Aspects of Pathology and Microbiology related to Dialysis****Time: 3 Hours****Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay****(20)**

1. Enumerate the types of tubulointerstitial diseases of kidney. Discuss the etiopathogenesis and pathology of acute infective cause (5+7+8)

**Short Notes****(8x10=80)**

2. Discuss the etiopathogenesis and fate of Thrombus
3. Classify Anemias. Discuss the pathogenesis of iron Deficiency Anemia
4. Pathology of Adult Poly cystic disease
5. Malignant Nephrosclerosis
6. Modes of transmission of Hepatitis viruses
7. Pathology of Acute Post Streptococcal Glomerulonephritis
8. Stages of Chronic renal failure. Discuss in detail the renal and extra renal manifestations
9. Define Opportunistic infections and list the causative organisms. Discuss the Modes of transmission of HIV infection".

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