

**RENAL DIALYSIS TECHNOLOGY**

**PAPER II**

**CONCEPTS OF DISEASE & OUT LINES OF CLINICAL EVALUATION RELATED TO  
DIALYSIS TECHNOLOGY**

**Time: 3 Hours**

**Max Marks: 80**

**Note:** Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark  
Color pencil.

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**Write essay on any TWO of the following questions:**

**2 X 10 = 20**

1. Define Hypertension. What are the stages of Hypertension? Discuss about the complications of hypertension and management.
2. Define Urinary tract infection. What are the risk factors of developing Urinary tract infection? Write about management of Urinary tract infection.
3. What are the types of Diabetes Mellitus? Mention the stages of evolution of diabetic nephropathy. How to treat end stage renal disease due to diabetics?

**Write a short note on any FIVE of the following:**

**5 X 6 = 30**

4. Types and causes of Renal calculi.
5. Causes of Chronic kidney disease in children.
6. Management of anaemia in dialysis patient.
7. Indications of kidney biopsy.
8. What is Acute pyelonephritis? Explain the causes and management.
9. Estimated Glomerular filtration rate.

**Write briefly on the following:**

**10 X 3 = 30**

10. Evaluation of pyuria.
11. Six causes of Haematuria.
12. Six common causes of Chronic kidney disease.
13. Catheter associated UTI.
14. Nephrotoxic antibiotics.
15. Diagnosis of diabetic nephropathy.
16. Drugs used to manage edema.
17. Any three congenital anomalies of the kidneys.
18. Common microbes causing urinary infection.
19. Name few causes of Nephrocalcinosis.

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