

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.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. What are the causes (etiology) of chronic kidney disease? Write about dietary management of chronic kidney disease.
2. What are the causes of urinary tract infection? Diagnosis and treatment of Urinary tract infection.
3. What are the causes of metabolic acidosis? Diagnosis and treatment of metabolic acidosis.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Etiology of Thrombotic thrombocytopenic purpura (TTP).
5. Etiology of post infectious Glomerulonephritis.
6. Causes and management of Hypercalcemia.
7. Causes of renovascular hypertension.
8. Indications and contraindication of renal biopsy.
9. Diagnosis of acute kidney injury.

Write briefly on the following:

10 X 3 = 30

10. Management of essential hypertension.
11. Causes of metabolic alkalosis.
12. Management of Nephrolithiasis.
13. Viral infections in post renal transplantation.
14. Management of obstructive uropathy.
15. Types of Amyloidosis.
16. Causes of Hyponatremia.
17. Types of IgA nephropathy.
18. Uses of loop diuretics.
19. Low molecular weight heparin.
