

**DIPLOMA IN DIALYSIS TECHNOLOGY  
FIRST YEAR  
PAPER II – INTRODUCTION TO KIDNEY DISEASES**

*Q.P. Code : 842502*

**Time : Three Hours****Maximum : 100 Marks**

**Answer all questions**

**I. Elaborate on:****(3 x 10 = 30)**

1. Discuss the etiology, signs and symptoms of post streptococcal Glomerulonephritis. how do you investigate and treat it?
2. What are the complications of Plasmapheresis and the strategies to prevent such complications?
3. Discuss the signs and symptoms, evaluation and management of Urinary tract infection?

**II. Write Notes on:****(10 x 5 = 50)**

1. What are the risk factors that increases the incidence of infections in patients with End stage renal disease?
2. What are the categories of Hypertension disorders in pregnancy and how do you treat hypertension in pregnancy?
3. How will you assess the Kidney function?
4. What are the choice of replacement solutions during plasmapheresis and mention the advantages and disadvantages?
5. How will you manage the post hemodialysis continuous bleeding from the access site?
6. Discuss the vaccination programme in chronic kidney disease patient.
7. Discuss the importance of clinical approach to Proteinuria.
8. Discuss the advantages and disadvantages of different modalities of dialysis in Acute Kidney Injury.
9. What are the complications of temporary vascular access catheter and briefly write the catheter care?
10. Describe the signs, symptoms, investigations and treatment of tuberculous cystitis.

**III. Short answers on:****(10 x 2 = 20)**

1. What are the Neurological problems in the End stage Kidney disease?
2. Which is the common inherited kidney disease that leads to kidney failure?
3. What are the adverse effects of anemia in chronic kidney disease?
4. What are the advantages and disadvantages of Isolated Ultrafiltration?
5. What are the strategies followed to reduce the surgical risks in chronic dialysis patient?
6. What are the contributing factors to the metabolic acidosis?
7. What are the pre requisites for extra corporeal shock wave Lithotripsy?
8. Define micro Albuminuria and what are its clinical implications?
9. What are the risk factors for the development of Acute Kidney Injury?
10. What health tips you advise to prevent Urinary tract infection?

\*\*\*\*\*