

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

JANUARY 2022

Sub. Code: 2502

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

**DIPLOMA IN DIALYSIS TECHNOLOGY
FIRST YEAR (Regulation 2014-2015 & 2018-2019)
PAPER II – INTRODUCTION TO KIDNEY DISEASES
*Q.P. Code : 842502***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Acute Glomerulonephritis. Discuss diagnosis and management of Post streptococcal glomerulonephritis.
2. Discuss diagnosis and management of Acute pyelonephritis.
3. Define Nephrotic syndrome. Discuss the investigations and treatment.

II. Write notes on:

(10 x 5 = 50)

1. Causes of Anemia in chronic kidney disease.
2. Clinical features and management of acute cystitis.
3. Dialysis in Acute Kidney Injury (AKI).
4. Clinical features and treatment of genitourinary TB.
5. Prevention of virus infections in dialysis room.
6. Evaluation of proteinuria.
7. Pathology of kidney disease in pregnancy.
8. Types of ureteric colic.
9. Management of Diabetic nephropathy.
10. Assessment of Kidney function.

III. Short answers on:

(10 x 2 = 20)

1. Cardiovascular complications of chronic kidney disease.
2. Polycystic kidney disease – symptoms and signs.
3. Types of Plasmapheresis.
4. Definition of Analgesic nephropathy.
5. Principles of dialysis.
6. What is erythropoietin?
7. What is Glomerular Filtration Rate (GFR)?
8. What is normal range of serum urea, serum creatinine?
9. What is metabolic acidosis?
10. Clinical importance of micro albuminuria.
