

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

[AHS 0423]

APRIL 2023

Sub. Code: 2502

DIPLOMA IN DIALYSIS TECHNOLOGY
FIRST YEAR (Regulations 2014-2015 & 2018-2019 onwards)
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, pathophysiology, signs and symptoms, medical and surgical management of Reno Vascular Disease.
2. Write a detailed note about the pathophysiology, signs and symptoms, diagnosis and treatment of Streptococcal Glomerulonephritis.
3. Explain the reasons for a patient to undergo CRRT. Explain the different types of CRRT with a suitable diagram. Also mention the complications involved in CRRT.

II. Write note on: **(10×5=50)**

1. Role of Imaging studies and Renal biopsy in diagnosis of Renal diseases.
2. Name the methods by which you estimate the GFR.
3. What is Dry Weight? How do you assess Dry Weight in Dialysis patient?
4. Explain Asymptomatic Bacteriuria of Pregnancy.
5. Discuss the clinical features of Tuberculous cystitis.
6. What are the complications in patients with End-Stage Renal disease?
7. Encapsulating sclerosing peritonitis.
8. Prevention of viral infection in Dialysis room.
9. Pathology of Kidney diseases in Diabetes Mellitus.
10. How do you prepare a Dialysis patient for various surgical procedures?

III. Short answers on: **(10×2=20)**

1. Define Micro Albuminuria and Clinical Implications.
2. What are the Gastrointestinal symptoms in End-Stage Kidney disease?
3. What is Normal range of Urine pH, Serum creatinine?
4. Risk factors for Coronary Artery Diseases in CKD Patients.
5. Name the common organisms causing UTI.
6. Differentiate CKD from AKI.
7. Name four causes of Kidney stones.
8. Define Slow Low Efficiency Dialysis in ICU.
9. Name four Glomerulonephritis disease.
10. Principles of Dialysis.
