

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 1337

B.Sc. DIALYSIS TECHNOLOGY

THIRD YEAR (Regulations 2014-2015 & 2018-2019 onwards)

PAPER II – RENAL DISEASE THERAPEUTICS

Q.P. Code: 801337

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Name the Congenital anomalies in Kidney and Urinary tract. How will you manage a pediatric patient with ESRD and the challenges in Dialysing a pediatric patient?
2. Explain in detail the diagnosis and management of Minimal Change Nephrotic Syndrome.
3. Explain about the Diabetic Nephropathy.

II. Write notes on:

(8 x 5 = 40)

1. What are the causes for recurrent Kidney stones? Discuss the risk factors for kidney stones and dietary management.
2. Define Systemic Hypertension and classification of drugs used in Hypertension.
3. What is Acute Pyelonephritis? Explain the Causes and Management.
4. Voiding cystourethrogram.
5. Autosomal Dominant Polycystic Kidney Disease.
6. Chronic Kidney Disease – Mineral bone disease.
7. Types of Cardio-renal syndrome.
8. Causes of Anemia in Chronic Kidney Disease and management.

III. Short answers on:

(10 x 3 = 30)

1. Causes of Nocturnal enuresis.
2. Causes of dehydration.
3. Symptoms of hypernatremia.
4. Indications for kidney biopsy.
5. Six causes of Hematuria.
6. Catheter associated UTI.
7. Renovascular hypertension.
8. Preeclampsia.
9. Six common causes of CKD.
10. Nephrogenesis.
