

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 1337

**BACHELOR IN DIALYSIS TECHNOLOGY
THIRD YEAR – (Regulation from 2014-2015)
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. Define Urinary Tract Infection. What are the risk factors of developing Urinary Tract infection? Write about management of Urinary Tract infection.
2. Define Anaemia. What are causes of Anaemia in Chronic Kidney Disease? How do you manage Anaemia in Dialysis patients?
3. How do you diagnose Diabetes Mellitus? What are long term complications of Type 2 Diabetes Mellitus? How do you manage Diabetic Nephropathy?

II. Write notes on:

(8 x 5 = 40)

1. Causes of Resistant Hypertension.
2. Renal replacement therapies for Acute Kidney Injury.
3. Complications in Autosomal dominant Polycystic kidney disease.
4. Causes of Tropical Acute kidney Injury.
5. What are the dietary restrictions for a patient with stage 5 Chronic Kidney Disease who is not undergoing Dialysis?
6. What are the types of Renal Stones? Name some causes of Nephrocalcinosis.
7. Complications of Nephrotic Syndrome.
8. Role of Phosphate binders in management of Chronic Kidney Disease.

III. Short answers on:

(10 x 3 = 30)

1. Causes of Renal artery Stenosis.
2. Diet advice for a patient with Nephrotic Syndrome.
3. Stages of Acute Kidney injury.
4. What is Pre-Eclampsia?
5. List out three Congenital anomalies of kidney.
6. Define Anuria and few causes of Anuria.
7. Indications of Renal Biopsy.
8. Mention few causes of Acute kidney injury in Pregnancy.
9. Define Chronic kidney disease.
10. Define Nephritic Syndrome.
