

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

[LR 1220]

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

Sub. Code: 1336

**BACHELOR IN DIALYSIS TECHNOLOGY
THIRD YEAR – (Regulation from 2014-2015)
PAPER I – DIALYSIS TECHNOLOGY
Q.P. Code: 801336**

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Acute Kidney Injury (AKI). Classification and causes of AKI. Indications for Dialysis.
2. Anticoagulation techniques in Haemodialysis.
3. Approach to Peritonitis in a Peritoneal Dialysis patient.

II. Write notes on:

(8 x 5 = 40)

1. Access Circulation.
2. Adequacy of Haemodialysis.
3. Plasmapheresis.
4. Acute Peritonitis in CAPD patient.
5. Adequacy of Dialysis.
6. Causes of Fever in a Dialysis patient and management.
7. Reuse of Dialyzers.
8. Mention various Iron preparations. Complications of using Iron injections.

III. Short answers on:

(10 x 3 = 30)

1. Causes of Anaemia in dialysis patient.
2. Ultrafiltration failure in Peritoneal Dialysis.
3. Indications for SLED.
4. Dialysis Disequilibrium Syndrome.
5. AV Fistula Cannulation techniques.
6. Complication of Chronic Haemodialysis.
7. Care of Permanent HD Catheter.
8. Causes of PD Outflow Failure.
9. Management of Hyperkalemia.
10. Indications for CRRT.
