

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

[LR 1220]

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

Sub. Code: 2512

DIPLOMA IN DIALYSIS TECHNOLOGY

SECOND YEAR – (Regulation from 2014 -2015 & 2018-2019)

PAPER I – INTRODUCTION TO DIALYSIS – PART II

Q.P. Code: 842512

Time : Three Hours

Maximum : 100 Marks

Answer All Questions.

I. Elaborate on: (3 x 10 = 30)

1. Discuss the process of priming and starting Hemodialysis. Discuss the various complications of Hemodialysis and its management.
2. What do you mean by Plasmapheresis? Discuss the procedure of Plasmapheresis and its complications.
3. Discuss in detail the infection control protocols and standard precautions in Hemodialysis unit.

II. Write notes on: (10 x 5 = 50)

1. How will you give diet advice for Dialysis patient?
2. Erythropoiesis Stimulating Agents.
3. Role of Dialysis technician in maintaining the Records and Data.
4. How will you monitor Water quality in Dialysis unit?
5. What are the indications for dialysis in Acute and Chronic Renal Failure?
6. Peritoneal Equilibration Test and its Interpretation.
7. What are the steps in Dialyzer Reuse?
8. Access Recirculation.
9. Exit site care of Peritoneal Dialysis Catheter.
10. Ultrafiltration Failure.

III. Short answers on: (10 x 2 = 20)

1. Differences between SLED and CRRT.
2. What are the Contraindications for CAPD?
3. Anticoagulants used in Hemodialysis.
4. How will you manage Muscle Cramps in Dialysis?
5. High flux Dialysis and its Advantages.
6. Disinfection of Hemodialysis machine.
7. How will you prepare AV Fistula for Cannulation?
8. How will you manage when Blood Leak Alarm goes off?
9. Indications for Heparin Free Dialysis.
10. Mechanical complications of Peritoneal Dialysis.
