

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

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 2512

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

**DIPLOMA IN DIALYSIS TECHNOLOGY
SECOND YEAR (Regulations from 2014-2015 & 2018-2019)
PAPER II – 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. Universal precautions and infection control in Hemodialysis unit.
2. Types of Anticoagulation, monitoring and complication during Hemodialysis.
3. Enumerate the common drugs used during Hemodialysis. How will you manage Anemia in Hemodialysis patients?

II. Write notes on:

(10×5=50)

1. Dialysis adequacy.
2. Alarms in Dialysis machine.
3. Dialysis Catheter care.
4. Post Exposure Prophylaxis (PEP) in Hemodialysis unit.
5. Biomedical waste management in Hemodialysis unit.
6. Urea Reduction Ratio (URR) and Kt/V.
7. Diet for Hemodialysis patients.
8. Air embolism.
9. CAPD (Continuous ambulatory peritoneal dialysis) – complications.
10. Monthly lab tests in Hemodialysis unit and their importance.

III. Short answers on:

(10×2=20)

1. Access Recirculation.
2. Anaphylaxis.
3. Indications of Saline Hemodialysis.
4. Causes of seizures during Hemodialysis.
5. Monitoring of HCV infection in Hemodialysis unit.
6. Sodium profiling.
7. Name the phosphate binders.
8. Total Cell Volume (TCV).
9. Adverse effects of Erythropoietin.
10. Ultrapure water.
