

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

[AHS 0423]

APRIL 2023

Sub. Code: 1332

B.Sc. DIALYSIS TECHNOLOGY
SECOND YEAR (Regulations 2014-2015 & 2018-2019 onwards)
PAPER II – COMMUNITY MEDICINE AND BASIC MEDICAL ELECTRONICS
Q.P. Code: 801332

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Explain in detail the classification, Hazards and Segregation of Biomedical Wastes.
2. Discuss different phases in the Disaster Management Cycle.
3. What is CRRT? Explain the different types of Modalities in CRRT.

II. Write notes on:

(8 x 5 = 40)

1. Tools of Measurement in Epidemiology.
2. Types of Hospital Acquired Infections with examples.
3. Vascular access for Hemodialysis.
4. Causes, symptoms and treatment of Hypertension.
5. Obesity and its complications.
6. Methods used for Health Education of a large group.
7. Factors causing Tuberculosis.
8. Prevention of Diabetes.

III. Short answers on:

(10 x 3 = 30)

1. Define Rate.
2. Reverse osmosis.
3. Define Mid-Year population.
4. Measurement of BMI.
5. What is Crude death rate?
6. Barriers of Communication.
7. Complication of IJV HD Catheter Insertion.
8. HD machine disinfection.
9. Alarms in Dialysis machine.
10. Cyler in Automated Peritoneal Dialysis (APD).
