

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA, WARANGAL – 506 002

B.Sc. (ALLIED HEALTH SCIENCES) SECOND YEAR DEGREE EXAMINATIONS:

FEBRUARY, 2026

RENAL DIALYSIS TECHNOLOGY

PAPER-III

APPLIED DIALYSIS THERAPY TECHNOLOGY PART I

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Mention types of dialysis, principles of Haemodialysis.
2. Write in detail about reuse of Dialysers and Tubings.
3. What is CRRT? Write its indications and mention CRRT fluids.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Write water treatment of Haemodialysis in detail.
5. What is plasmapheresis? Write its indications.
6. Write about PD fluids.
7. Write steps of bleach disinfection of dialysis machine.
8. Write management of anaemia in dialysis patients.
9. Mention personnel required for maintenance haemodialysis centre.

Write briefly on the following:

10 X 3 = 30

10. Name alarms of dialysis machine.
11. Mention measures to prevent catheter infection.
12. What is CRBSI?
13. Write rule of 6 in AVF.
14. Name Telangana transplant state programme.
15. Write steps of priming.
16. Mention about conductivity.
17. Write factors causing clotting of dialysis circuit.
18. What is Tight heparin technique?
19. Write electrolyte composition of dialysate.
