



Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 26 May-2023

Time: Three Hours

Max. Marks: 100 Marks

Basics of Renal Dialysis Technology (RS-3)

Q.P. CODE: 3304

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Question No.2 Choice)

2 x 10 = 20 Marks

1. Describe types of vascular access for HD. Explain briefly about A.V graft.
2. Explain dialyser reuse technique.

OR

Discuss peritoneal dialysis apparatus.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Indications of dialysis.
4. Types of dialysis.
5. Write about medical complications of Haemodialysis.

OR

Explain pre -HD assessment.

6. Dialyser characteristics.
7. Patient monitoring during dialysis.
8. Anticoagulation technique used in HD.
9. Brief about water treatment system.
10. Alarm systems in HD machine.

OR

Basic principle of Haemodialysis.

11. Standard dialysate composition.
12. Post operative care of permanent access.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Define Dry weight.
14. Blood flow rate and dialysate flow rate adjustment.
15. Bio-medical waste management.

OR

Needlestick management.

16. List PPE used during handling HIV patients.
17. Note on CPR.
18. Normal values of a) Pulse b)spo₂ c) RR
19. Co-current dialysis.

20. Renalin.

OR

SLED

21. Scribner's shunt.
22. Antidote for heparin.
