

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 02-Jan-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. Mention the types of dialyzers and membranes and write brief note on clotty of dialysis membranes.
2. Anticoagulation techniques used in HD.
OR
Physiological principle of peritoneal dialysis.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Explain blood spill management.
4. Illustrate CAPD procedure.
5. Discuss various steps in dialyzer – reuse.
OR
Discuss various steps in Water treatment system.
6. Define BCLS? Explain the chain of survival in detail.
7. Standard dialysate solution composition.
8. Pre dialysis assessment.
9. Explain temporary vascular access used in Haemodialysis.
10. Indications of dialysis.
OR
Discuss basic principles of dialysis.
11. Mention haemodialysis machine preparation and safety alarm system within it.
12. List the complications during dialysis.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Define vital signs? What is TPR chart?
14. Post dialysis fatigue.
15. Brief about types of dialysis.
OR
Intradialytic hypotension.
16. Crash cart- function and contents.
17. Dialyzer reactions.
18. What is CRRT machines?
19. Universal precautions in dialysis patient.
20. Hand washing procedure.
OR
Bio-Medical Waste segregation.
21. Explain "Rule of 6's".
22. Define Kuf and Koa in Dialyser.
