

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Renal Dialysis Technology Degree Examination – 27-Nov-2023

Time: Three Hours

Max. Marks: 100 Marks

Applied Dialysis Technology – Paper -II (RS-3)

Q.P. CODE: 3306

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

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Write in brief about management of advance liver disease patients by MARS its advantages of disadvantages. Draw circuit diagram
2. SLED indication, advantages and disadvantage
OR
Advantage and disadvantage of HDF

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Diet for CKD patient on HD
4. International patient safety guidelines
5. Sorbent cartridge
OR
What are the criteria that have to be met for poisoning cases in HD?
6. Define hypertension in dialysis patient. Also explain its pathophysiology and its treatment
7. Pre-treatment components of water treatment plant
8. Heparin and its complications
9. Home HD
10. Management of diabetic patient in HD
OR
Explain HDF circuit with neat labelled diagram
11. Complications of renal transplant
12. Depression in dialysis patients

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Causes of Hyperkalemia in HD patient
14. Why is frequent dialysis better during pregnancy?
15. Define hemolysis and mention its causes
OR
Mention any three drugs used during cardiac arrest
16. What is the blood flow requirement in SCUF? Explain the transport mechanism used in SCUF
17. Which is the best vascular access for pediatric patient? Why?
18. Deionization
19. Management of epileptic seizures in dialysis patients
20. Advantages of Hemoperfusion
OR
Water distribution system for HD unit only diagram
21. What is composition of dialysate in hemodialysis?
22. Mention the vaccinations given to dialysis patients
