

Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Renal Dialysis Technology Degree Examination – MARCH 2018

Time: Three Hours

Max. Marks: 100 Marks

APPLIED RENAL DIALYSIS TECHNOLOGY - II (Revised Scheme)

Q.P. CODE: 2919

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Causes of AKI in pregnant women and enumerate various modification of dialysis prescription in them.
2. Indications of plasmapheresis in nephrology and write a prescription for plasmapheresis
3. Mention non-renal indication of dialysis and which mode of dialysis you will chose in them.

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Discuss CAVHD vs CVVHD. Indications and differences
5. Advantages and disadvantages of dialyzer reuse
6. Manifestations of Aluminium toxicity in dialysis patient and how to prevent it
7. Discuss dialysis associated Amyloidosis.
8. Discuss universal precaution in dialysis.
9. Problems encountered in doing hemodialysis for infants and children
10. Causes of hypertension in hemodialysis patients
11. Discuss SLED.
12. Daily dialysis
13. What are the vaccines used for dialysis patient?
14. Usefulness of Telemedicine in dialysis
15. Mention steps of water treatment in dialysis in brief.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Expand MARS in dialysis.
17. What is SCUF and mention its one main advantage?
18. Mention schedule for Hepatitis B vaccination.
19. Mention any 3 standard for water treatment in dialysis.
20. Describe 3 causes of hepatitis C transmission in dialysis.
21. Drugs used in management of hyperparathyroidism
22. Two advantages of CCPD over CAPD
23. Causes of hypoglycemia in dialysis patient
24. Two complications of improper water treatment
25. Two causes of dementia in dialysis patient
26. Two causes of hypotension in dialysis
27. Indications for hemoperfusion
