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Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. Renal Dialysis Technology Degree Examination – OCT-2019

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. Describe water treatment plant. Illustrate with diagram.
2. Describe advantages, disadvantages and steps of dialyzer reuse.
3. How do you dialyze 3rd trimester pregnant patient?

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. What is problem of using ACE inhibitor drugs in hemodialysis patient? Which membrane reacts with it?
5. How do you manage sudden cardiac arrest in HD?
6. What is air embolism?
7. Name few causes of death in dialysis patient.
8. Patient undergoing dialysis suddenly becomes unresponsive. What parameters do you check immediately?
9. What are common causes of non-compliance of dialysis schedule?
10. What is dialysis amyloid?
11. Name few non-access related infections in dialysis patients.
12. What are common causes of hypertension in HD patients?
13. Common complications of Erythropoietin
14. What are the non-dietary causes of hyperkalemia?
15. What nutritional parameters do you monitor in HD patient?

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Three causes of malnutrition in HD patients.
17. Write 3 disadvantages of CAPD.
18. Write 2 non-renal indications of HD.
19. What is normal phosphorus intake per day of average Indian adult?
20. Name 2 drugs removed by hemoperfusion.
21. How do you test whether priming is adequate?
22. What is length of double lumen catheter?
23. How much heparin is required to lock arterial & venous end of permcath?
24. What is citrasteril?
25. What is fibre bundle volume?
26. What is Argatroban?
27. What is sodium profiling?



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