

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

B.Sc. Renal Dialysis Technology Third Year Semester-VI

February 2020 Examination

Time : 3 Hrs.

Paper – I

[Max. Marks : 100]

Applied Dialysis Technology Paper-I

Q.P Code : J6541

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. What is nocturnal hemodialysis? What are the advantages& disadvantages?
2. What is exit site infection, how do you manage exit site infection

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

3. Anti- coagulation in hemodialysis
4. Acute PD procedure and complications
5. What are the various parameters check prior and during HD treatment session
6. Discuss acute complication of HD
7. Metabolic complication of PD
8. Regional anti coagulation in HD
9. Three pore model in peritoneal dialysis
10. Mention the organisms involved in peritonitis
11. Mechanical complications of PD
12. Long term complication of PD
13. Three pore model in peritoneal dialysis
14. Adequacy of hemodialysis

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

15. Composition of PD solution
16. Mention the organisms involved in peritonitis
17. PET
18. What is sequential dialysis?
19. Write two molecules of low molecular weight heparin
20. common causes of anemia in dialysis
21. What is conductivity
22. What is thermal disinfection
23. Biocompatibility
24. Isolated ultrafiltration
25. Tidal PD
26. What is sequential dialysis?

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Applied Dialysis Technology Paper-II

Q.P Code : J6542

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate the precautions taken while dialyzing a patients of Hepatitis B and Hepatitis C.
2. Mention the various parts in water treatment plant. What is the AAMI criteria of water used for Hemodialysis.

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

3. Universal precautions during hemodialysis.
4. Discuss the Infections that occur in dialysis patients.
5. Vaccination in Dialysis patients.
6. Bone disease in Dialysis patients.
7. Online Dialysis.
8. Adequacy of Dialysis.
9. Nocturnal Dialysis.
10. Artificial Wearable Kidney.
11. What is Hemodiafiltration and what are advantages and disadvantages.
12. Tele Medicine in dialysis practice.
13. Access Recirculation.
14. Daily Dialysis.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

15. Steps of AV cannulation.
16. Scribner Shunt.
17. Ultrapure water.
18. Three Pore Model in PD.
19. Darbepoetin.
20. Rule of six.
21. What is CERA?
22. Name three IV Iron preparations.
23. Adynamic Bone disease.
24. Dry Weight.
25. Nutrition in Dialysis.
26. Mention the normal Values of Serum Calcium , Phosphorus and Serum Albumin.