



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences Third Year (Semester-VI)

Examination

B.Sc. Renal Dialysis Technology (RDT)

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. Discuss the symptoms and signs of peritonitis in a patient on CAPD. Mention the investigations and the treatment of peritonitis in CAPD

SHORT ESSAY (Answer any Ten)

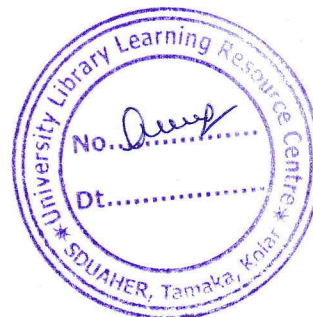
10 X 5 = 50 Marks

3. Anticoagulation in Hemodialysis
4. Exit site infection in PD
5. Three pore model in peritoneal dialysis
6. Mechanical complications of CAPD
7. Enumerate the various types Temporary vascular Access
8. Mention indications of dialysis
9. Exit site infection diagnosis & treatment
10. What are the routine blood test done monthly and 3 months in dialysis patient?
11. Discuss acute complication of HD
12. Metabolic complication of PD
13. PET
14. Non renal indications for hemodialysis

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

15. Define Diffusion and Osmosis
16. Write two molecules of low molecular weight heparin
17. What is thermal disinfection
18. What is modified PET?
19. Adequacy of hemodialysis
20. What is conductivity
21. Causes of headache in HD
22. Biocompatibility
23. Who invented AV Fistula
24. Residual Renal function
25. Tidal PD
26. When should tourniquet tied to AVF removed after a session of HD?





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September 2022 Examination

B.Sc. Renal Dialysis Technology (RDT)

Time : 3 Hrs.

Paper – II

[Max. Marks : 100]

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. Discuss Renal Anemia and its management
2. Write neatly a label diagram of water treatment plant and mention the various parts and their roles

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

3. Universal precautions during hemodialysis
4. Nocturnal Dialysis
5. Vaccination in Dialysis patients
6. Bone disease in Dialysis
7. Online Dialysis
8. Adequacy of Dialysis
9. Daily Dialysis
10. Bacterial Infections in Hemodialysis
11. Viral Infections in patients undergoing Hemodialysis
12. Artificial Wearable Kidney
13. What is Access Recirculation and how to prevent it?
14. Tele Medicine in Dialysis Practice

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

15. KUF of Dialyzer
16. Composition of Peritoneal dialysate
17. Ultrapure water
18. Three Pore Model in PD
19. Parathyroid Hormone(PTH)
20. Psychological Issues in Dialysis Patient
21. Aluminum Bone disease
22. Measures to prevent Hypotension during Hemodialysis
23. Adynamic Bone disease
24. Sodium Profiling in Hemodialysis
25. Nutrition in Dialysis
26. Mention the normal Values of Serum Calcium , Phosphorus and Serum Albumin

