

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

**July/August-2019 Examination**

**B.Sc. Renal Dialysis Technology (RDT)**

**Time: 3Hrs.**

**Paper – II**

**[Max. Marks:100]**

**Applied Dialysis Technology-II**

**Q.P.Code: AHS-147**

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. How do you reuse Dialyzer? What are its advantages and disadvantages? Write in detail.
2. Continuous Renal Replacement Therapy- Different Types, advantages, complications and anticoagulation protocol

**SHORT ESSAY(Answer any Ten)**

**10X 5 = 50 Marks**

3. Frequent Hemodialysis.
4. Potential clinical benefits of HD/HDF
5. Replacement solutions in Plasmapheresis.
6. Citrate anticoagulation.
7. Hemoperfusion.
8. Automated Peritoneal Dialysis (APD)
9. Dialysis Equipment in CRRT.
10. How do you do Hemodialysis in Hepatitis B positive patient?
11. Care of the pediatric ESRD patient.
12. Stages of CKD
13. Molecular Adsorbents Recirculating System (MARS)
14. Explain procedure of Hemodialysis in 8 months pregnant oliguric AKI patient.

**SHORT ANSWERS(Answer any Ten)**

**10 X 3 = 30 Marks**

15. Complications of Plasmapheresis.
16. Indications for HD in patients with Methanol poisoning.
17. Disadvantages of Acute Peritoneal Dialysis.
18. Types of Ultrafiltration Failure.
19. Different catheter Sizes and access locations used in pediatric HD.
20. Normal serum levels of Calcium, Phosphorous and Parathyroid hormone levels.
21. Mention three drugs removed by hemodialysis.
22. Foods Rich in Potassium.
23. Three antifungal drugs.
24. Name Intraperitoneal drugs used to treat Peritonitis.
25. Factors determining clearance in Peritoneal Dialysis.
26. Dry Weight.

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