

QP CODE: 302023

Reg. No:

Third Year B.Sc Dialysis Technology Regular Examinations June 2023

**PAPER II – Specialized Extracorporeal Therapies, Critical care Nephrology
including Renal Transplantation**

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay

(20)

1. How will you prime the Charcoal hemoperfusion circuit. Enumerate the drugs/toxins which can be removed by this procedure. Discuss the complications of charcoal hemoperfusion and how can you prevent these complications

Short Notes

(8x10=80)

2. Water contaminants in the context of dialysis
3. Nocturnal dialysis
4. Molecular Adsorbent Recirculating System (MARS)
5. Hepatitis B infection in maintenance hemodialysis patients
6. Limulus Amoebocyte Lysate Assay Test (LAL TEST)
7. Continuous venovenous hemodiafiltration (CVVHDF)
8. Hemodialysis in a patient with congestive heart failure
9. Sorbent technology
