

QP CODE: 302023

Reg. No:

**Third Year B.Sc Dialysis Technology Degree Regular/Supplementary
Examinations December 2025**

**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. Discuss the principles of peritoneal dialysis. Describe the different modalities of peritoneal dialysis available to end stage kidney failure patients. Discuss the advantages and disadvantages of peritoneal dialysis over hemodialysis. Briefly discuss the management of PD peritonitis.

Short Notes

(8x10=80)

2. Ultrapure water for hemodialysis
3. Heparin Induced Thrombocytopenia
4. Slow Continuous Ultrafiltration (SCUF)
5. Reuse of dialysers
6. Access recirculation
7. Catheter Related Blood Stream Infection (CRBSI)
8. Pre-filter and post-filter dilution in CRRT
9. Prevention of Hepatitis B infection in the dialysis unit
