

QP CODE: 301023

Reg. No:

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

**Paper 1 –Dialysis Technology and Hemodialysis, Medical Ethics, Biomedical
Waste Management, Bio Medical Engineering**

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. Vascular access for hemodialysis and associated complications.

Short Notes

(8x10=80)

2. Dialysis disequilibrium syndrome
3. Blood leak detector and air in blood detector function and advantages
4. Adequacy of hemodialysis
5. High efficiency and high flux dialyzers
6. Regional citrate anticoagulation
7. Peritonitis and exit site infection
8. Heparin-induced thrombocytopenia
9. Privacy and confidentiality
