

**Third Year B.Sc Dialysis Technology Degree Regular/Supplementary Examinations February 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. Discuss in detail the common complications during haemodialysis. Briefly describe the prevention and management of each of the complication.

**Short Notes**

**(8x10=80)**

2. Physiology of peritoneal membrane.
3. Permanent haemodialysis vascular access.
4. Biomedical waste disposal in dialysis room.
5. Peritoneal equilibration test.
6. Anticoagulation in haemodialysis.
7. Adequacy of dialysis.
8. Consent.
9. Disinfection of dialysis machine.

\*\*\*\*\*