

**Second Year B.Sc Dialysis Technology Degree Regular/Supplementary  
Examinations February 2025**

**Paper II –Applied Pharmacology Related to Dialysis**

**(2020 Scheme)**

**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. Classify Calcium Channel Blockers. Describe the mechanism of action in Hypertension and write briefly about its uses and adverse effects.

**Short Notes**

**(8x10=80)**

2. Preparation & doses of Iron and write briefly about its adverse effects.
3. Write briefly about the uses and adverse effects of Erythropoietin.
4. Vitamin D and its analogues.
5. Discuss H<sub>2</sub>O<sub>2</sub> as a disinfectant.
6. Cardio selective beta blockers.
7. Adverse effect of high ceiling diuretics
8. Write briefly about protamine sulphate.
9. Management of Methyl alcohol poisoning

\*\*\*\*\*