

**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

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