

Second Year B.Sc Dialysis Technology Regular Examinations
June 2022

Paper II –Applied Pharmacology Related to Dialysis

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

1. Classify diuretics (5 marks).

Draw a neat labelled diagram of nephron and mark the site of action of diuretics. (5 marks).

Write the pharmacological actions, uses and adverse effects of frusemide (10 marks).

Short Notes (8x10=80)

2. Enumerate the composition of dialysis solution and brief note on management of hyperkalemic patient.

3. Classification of antihypertensive drugs

4. Vitamin D and its analogues.

5. Intravenous fluids and positive ionotropic agents.

6. Dialysable drugs.

7. Anticoagulants

8. Management of anaemia in kidney disease.

9. Phosphate binders
