

B.Sc. Allied Health Sciences Second Year (Semester-III)

July 2019 Examination

B.Sc. Renal Dialysis Technology (RDT)

Time : 2.30 Hrs.

Paper - III

[Max. Marks: 80]

Pharmacology Related to Dialysis Technology

Q.P. Code: AHS-136

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify antihypertensive drugs. Write the Pharmacological actions, uses and adverse effects of ACE inhibitors.
2. Erythropoietin.

SHORT ESSAY (Answer any Six)

6 X 5 = 30 Marks

3. Osmotic diuretics.
4. Oral iron therapy.
5. Phosphate binders.
6. Continuous renal replacement therapy.
7. Vitamin B₁₂.
8. Importance of Pharmacokinetics in patients with renal disease.
9. Dialysis clearance of drugs.
10. Drug dosing – Loading dose and maintenance dose.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. Hypervitaminosis D.
12. Name three complications of Thiazide diuretics.
13. Use of Analgesics in patients with renal disease.
14. Antimicrobial lock.
15. Write three factors affecting dialysis clearance of drugs.
16. Write three differences between Normal saline and Ringer Lactate.
17. Write three uses of Furosemide.
18. Niacin.
19. Name three colloid plasma expanders.
20. Therapeutic drug monitoring.
21. Treatment of Acute Iron poisoning.
22. List three Vasopressin analogues.