

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – 26-Nov-2024

Time: Three Hours

Max. Marks: 80 Marks

Pharmacology Related to Haemo and Peritoneal Dialysis – (RS-2)

Q.P. CODE: 1248

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Classify anti-hypertensives. Discuss the mechanism of action, uses and adverse effects of ACE inhibitors
2. Classify anticoagulants. Discuss the pharmacological actions, uses and adverse effects of heparin
3. Classify phosphate binders. Discuss the actions, uses and adverse effects of calcium containing phosphate binders

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. What are the advantages and disadvantages of intramuscular route of drug administration?
5. Potassium sparing diuretics
6. Write a note on acetate-based dialysis solution
7. Calcium channel blockers
8. What is the importance of chemical disinfectants in dialysis therapy?
9. Write a note on crystalloids
10. Erythropoiesis stimulating agents
11. Protamine sulphate

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Disadvantages of using formalin in dialysis therapy
13. Lithium
14. Antiplatelet agents
15. Disadvantages of potassium sparing diuretics in dialysis patients
16. What is bioavailability?
17. Name the advantages of subcutaneous route of drug administration
18. Examples of low molecular weight heparin
19. Folic acid supplementation
20. Three examples of parenteral iron preparations
21. Adverse effects of furosemide
22. Three examples of dialyzable drugs
23. Example for vitamin D analogues
