

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 10-Jun-2024

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology Related to Haemodialysis and Peritoneal Dialysis (RS-3)

Q.P. CODE: 3303

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Question No.2 Choice)

2 x 10 = 20 Marks

1. Classify anticoagulants. Write the mechanism of action, uses and adverse effects of Heparin.
2. Name the different routes of drug administration. Write the advantages and disadvantages of intravenous route.

OR

Explain briefly the dialyzable drugs.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Indication and dose of Penicillin G
 4. Compare and contrast furosemide and hydrochlorothiazide.
 5. Protamine sulphate – Indication and dose.
- OR**
- Classify antidiuretics with mode of action.
6. Peritoneal dialysis solution.
 7. Erythropoietin – mode of action, indication and dose.
 8. List the antibiotics used to treat catheter associated infections. Write the mechanism of action of any one of them.
 9. Cyclosporine – Indication and adverse effects.
 10. List the vaccines that can given to dialysis patients and mention what precautions are to be taken?

OR

Phosphate binders formulation and their indication.

11. Parenteral iron.
12. Classify Plasma expanders with indication.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Name any three potassium exchange resins.
 14. Name any three Nephrotoxic drugs.
 15. List any three antibiotics used for anaerobic infections.
- OR**
- List any three antibiotics used for staphylococcus infection.
16. Name any three positive inotropes.
 17. Explain what is continuous renal replacement therapy?
 18. Name any three calcium channel blockers.
 19. Name any three antihypertensives.
 20. Name any three antiplatelet drugs.

OR

Name any three thrombolytic drugs.

21. Name any three potassium sparing diuretics.
22. Vitamin D - preparation and their indication.
