

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 30-Dec-2022

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. Define and classify antihypertensive. Write mechanism of action, uses and side effects of angiotension converting enzyme inhibitors.
2. Mention different types of dialysis. Write a note on peritoneal dialysis.

OR

Define and classify anticoagulants. Write mechanism of action, uses and side effects.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Difference between crystalloids and colloids.
4. Oral iron preparation.
5. Nifedipine – mode of action, indication and dose.
6. Classify vitamins. Write therapeutic use of fat soluble vitamins.
7. Classify loop diuretics with mode of action and indication.
8. Folic acid – indication and dose.
9. Protamine sulphate – Indication, dose and side effects.
10. Phosphate binders.

OR

Advantage and disadvantage of oral route of drug administration.

11. Antibiotics used in dialysis patient.
12. Note on immunosuppressive drugs.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Define Bio-availability.
14. Write three uses of prazosin.
15. Mention the three complications of haemodialysis.
16. Treatment of metabolic acidosis.
17. Uses of Vitamin K
18. What are the indications of Erythropoietin?
19. Amlodipine – indication and dose.
20. What are potassium exchange resins and where are they used.

OR

Calcium supplements.

21. Name any three positive inotropes.
22. What is continuous renal replacement therapy?
