

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – Sep 2012

Time: Three Hours

Max. Marks: 80 Marks

PHARMACOLOGY RELATED TO HAEMO AND PERITONEAL DIALYSIS – (RS)

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 vitamins. Write the mechanism of action, uses and adverse effects of vitamin D
2. Classify diuretics. Write the mechanism of action, uses and adverse effects of furosemide
3. Enumerate the drugs used in the treatment of shock. Write the mechanism of action. Uses and adverse effects of dopamine

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Metoprolol
5. Sodium Nitroprusside
6. Sodium hypochlorite
7. Haemodialysis concentrates
8. Inhalational route of administration of drugs
9. Dose modification of drugs in renal failure
10. Amlodipine
11. Types of intravenous fluids

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Two clinical uses of lisinopril
13. Name two low molecular weight heparins. Write two advantages of these drugs over heparin
14. Name two clinical indications of folic acid
15. Name two live vaccines
16. Name two drugs used in hypertensive emergencies
17. Write two clinical uses of erythropoietin
18. Name two potassium exchange resin and mention its clinical use
19. Name three drugs prescribed in chronic renal failure
20. Uses and adverse effects of prazosin
21. Name two antiemetic drugs
22. Name three drugs used in the treatment of shock
23. Name two antihistaminic drugs? Mention two clinical indications of these drugs