

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – APRIL 2015

Time: Three Hours

Max. Marks: 80 Marks

CONCEPT OF RENAL DISEASES – (RS)

Q.P. CODE: 1247

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. Define Acute Kidney Injury. Describe various phases of Acute Kidney Injury. Mention a few causes of Acute Kidney Injury.
2. Describe the clinical features of chronic kidney disease and write in brief about various modalities of renal replacement therapy.
3. Define Acute Nephritic Syndrome. Briefly describe pathogenesis and clinical features of post streptococcal glomerulonephritis.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Dialysis disequilibrium
5. Anemia and Chronic Kidney disease
6. Complicated urinary tract infection
7. Causes of secondary hypertension
8. Uric acid stones – etiology and prevention
9. Renal osteodystrophy
10. Complications of nephrotic syndrome
11. Physiological changes in kidney during pregnancy

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Treatment of Hyperkalemia
13. What is normal amount of urinary protein loss per day and what is nephrotic range proteinuria?
14. Name the 'hormones' produced by the kidney.
15. Name few nephrotoxic drugs.
16. Mention a few tumors of the kidney.
17. Mention a few causes of Hematuria.
18. What is Staghorn calculus?
19. Asymptomatic bacteriuria
20. Name a few 'viral infections' which spread by needle stick injury in hemodialysis.
21. Write the normal values of the following in an adult:
Serum creatinine
Serum phosphorus
Serum potassium
22. Name few organisms causing urinary tract infection.
23. Name few food items high in phosphorous.
