



Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 17 May 2023

Time: Three Hours

Max. Marks: 100 Marks

Concepts of Renal Diseases: Clinical Manifestation and its Management (RS-3)

Q.P. CODE: 3300

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. Explain Hemodialysis with labelled diagram of Hemodialysis apparatus and circuit.
2. What is Urinary Tract Infection? What are its causes? Mention the types of UTI and its symptoms.

OR

Define chronic renal failure. What are the causes, stages and diagnosis of CRF?

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. What is AKI? Elaborate on the pre renal, renal and post renal causes of AKI.
4. Tumors of kidney.
5. Asymptomatic Bacteriuria.

OR

Nephrotic syndrome definition and types.

6. What is renal vascular disorder? Explain Renal Artery Stenosis.
7. Renal stone disease.
8. Obstructive uropathy.
9. Polycystic kidney disease.
10. Pre-dialysis nutrition.

OR

Renal disease in pregnancy and Pregnancy induced hypertension.

11. SLED.
12. Acute Nephritic syndrome.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Stages of AKI.
14. Expand a) CRRT b) SLED c) CAVHF.
15. What are the complications of renal hypertension?

OR

How do you manage renal hypertension?

16. Mention any three differences between hemofiltration and hemodialysis.
17. What are the types of food the patient has to avoid post renal transplantation?
18. How can you prevent UTI?
19. Give any three examples of inherited kidney disease.
20. Define a) Glycosuria b) Hematuria c) Proteinuria.

OR

What is atheroembolic renal disease? Mention any two symptoms.

21. Is potassium good for hemodialysis patient? Give reasons for your answer.
22. Why is PD patient advised high protein diet?
