

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 05-May-2026

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 Nephrotic syndrome.
2. Discuss types, aetiology, clinical features, management and prevention of renal stone diseases.

OR

Define Chronic Kidney Disease (CKD). Write about management of chronic kidney disease.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Discuss renal replacement therapy options for end stage renal disease patients.
4. Explain asymptomatic urinary abnormalities.
5. Discuss renal changes in pregnancy and write a note on pre-eclampsia.

OR

Explain renal agenesis.

6. Describe dietary recommendations in patients undergoing dialysis.
7. Write a note on polycystic kidney disease.
8. Write a short note on nephritic syndrome.
9. Define acute kidney injury. Write a note on RIFLE criteria.
10. Explain obstructive uropathy and its management.

OR

Discuss renal vascular disease and hypertension.

11. Discuss clinical presentation and diagnosis of urinary tract infections.
12. Write a note on tumours of kidney.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Write any three dietary factors affecting blood pressure.
14. Normal serum value of potassium, phosphorus and albumin.
15. Describe Alport syndrome.

OR

Define the term oliguria, anuria and nocturia.

16. Mention three drugs causing acute kidney injury.
17. Define crystalluria and bacteriuria.
18. Mention three common causes of protein energy wasting.
19. Mention any three phosphate binders.
20. Define Glomerular Filtration Rate. Write its normal range.

OR

Name three food rich in potassium.

21. Explain renal artery stenosis.
22. List any three drugs for the management of hyperkalaemia.
