

## Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – AUG/SEP 2016

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 nephrotic syndrome. What are the secondary causes of nephrotic syndrome? Briefly mention a few complications of untreated nephrotic syndrome.
2. Write the classification of various stages of chronic kidney disease. What are the causes of chronic kidney disease? What are the clinical and biochemical features of CKD?
3. What are the secondary causes of hypertension? Briefly describe how hypertension affects kidney?

#### SHORT ESSAYS (Answer any Six)

**6 x 5 = 30 Marks**

4. Calcium oxalate stones
5. Renal cell carcinoma
6. Autosomal dominant polycystic kidney disease
7. Sterile pyuria
8. Obstructive uropathy
9. Vitamin D3 therapy in chronic kidney disease
10. Management of pulmonary edema in renal failure
11. Uremic encephalopathy

#### SHORT ANSWERS (Answer any Ten)

**10 x 3 = 30 Marks**

12. Management of 'metabolic acidosis' in renal failure
13. What is orthostatic proteinuria?
14. Mention a few food items low in potassium.
15. Hepatitis B vaccination in chronic kidney disease
16. Name the "crystals" found in urine with diagrams.
17. What is "microalbuminuria"?
18. Clinical features of acute nephritic syndrome
19. What is erythropoietin? Where is it used in Nephrology?
20. Mention a few causes of microscopic hematuria.
21. Write the normal values of the following in an adult:  
Hemoglobin  
Serum protein  
Serum creatinine
22. What is urinary fractional excretion of sodium and how is it useful in renal failure?
23. Iron indices and their target values in CKD

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