

B.Sc. DIALYSIS TECHNOLOGY

(New Syllabus 2014-2015)

THIRD YEAR**PAPER II – RENAL DISEASE THERAPEUTICS***Q.P. Code: 801337***Time: Three Hours****Maximum: 100 Marks****Answer all questions****I. Elaborate on:****(3 x 10 = 30)**

1. Define Chronic Kidney Disease. What are the causes of CKD? Mention Staging of CKD. Management of CKD.
2. Define Urinary Tract Infection. What are the risk factors of developing urinary tract infection? Also write about management of urinary tract infection.
3. Define Nephrotic Syndrome. Causes of Nephrotic Syndrome. What are the investigations to be done in a case of Nephrotic syndrome? Treatment of Nephrotic syndrome.

II. Write notes on:**(8 x 5 = 40)**

1. Define hyperkalemia. Mention the causes of hyperkalemia. How do you correct hyperkalemia?
2. Define Obstructive Nephropathy. Mention the causes of Obstructive Nephropathy and Treatment.
3. Mention various causes of Acute Kidney Injury. Management of Acute Kidney Injury.
4. What is Acute Pyelonephritis? Explain the causes and Management.
5. Explain the long term complications of Chronic Kidney Disease.
6. Draw and Label Diagram of Nephron.
7. Explain Alports syndrome. How to diagnose?
8. Complications in Autosomal Dominant Polycystic Kidney Disease.

III. Short answers on:**(10 x 3 = 30)**

1. Mention Few Causes of Acute Kidney in Pregnancy.
2. What is Post Obstructive Diuresis?
3. Classification of Acute Kidney Injury.
4. Differences between Nephrotic Syndrome and Nephritic Syndrome.
5. Mention 3 Causes of Congenital Kidney Diseases.
6. Mention 3 Causes of Pyuria.
7. Mention 3 Causes of Proteinuria.
8. Mention 3 Causes of Asymptomatic Hematuria.
9. Causes of Renal Artery Stenosis.
10. Mention 3 indications of renal biopsy.
