

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 Acute Kidney Injury (AKI). What are the causes of AKI? Classification of AKI. Management of AKI.
2. Define Nephrotic Syndrome. Causes of Nephrotic Syndrome. What are the investigations to be done in a case of Nephrotic syndrome? Treatment of Nephrotic syndrome.
3. Define Urinary tract infection. Mention the risk factors of developing urinary tract infection. Management of urinary tract infection.

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

1. Mention the normal physiological changes related to kidney in pregnancy. What are the various renal disorders seen in pregnancy?
2. Etiology of Anaemia in chronic kidney disease.
3. Define Systemic Hypertension and classification of drugs used in hypertension.
4. Mention various complications seen in chronic renal failure.
5. Define Alports syndrome. How to diagnose.
6. Define Nephritic syndrome. What are the differences between Nephrotic syndrome and Nephritic syndrome?
7. Classification of Chronic kidney disease.
8. Draw and Label parts of Nephron.

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

1. Mention 3 types of renal calculi.
2. Give 3 causes of Congenital kidney disease.
3. Mention 3 causes of hyperkalemia.
4. Mention 3 indications of kidney biopsy.
5. Mention 3 Complications in Autosomal Dominant Polycystic Kidney Disease.
6. Give 3 causes of Obstructive nephropathy.
7. Mention 3 Causes of Asymptomatic Hematuria.
8. Mention 3 Causes of Proteinuria.
9. Mention 3 causes of Asymptomatic pyuria.
10. 3 Indications of Kidney Biopsy.
