

(LG 010)

FEBRUARY 2015

Sub. Code:1202

D.M. – NEPHROLOGY

Paper II – CLINICAL NEPHROLOGY, DIALYSIS, TRANSPLANTATION

Q.P.Code: 161202

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the merits and demerits of different forms of Renal replacement therapy in a patient with diabetic kidney disease stage 5.
2. Discuss the pathophysiology of Edema formation in renal disease. Write a diuretic prescription for nephrotic syndrome. What is diuretic resistance and how will you tackle it?

II. Write notes on:

(10 x 7 = 70)

1. Enumerate trials in the treatment of reflux nephropathy.
2. Chronic AMR as a cause of late graft dysfunction. How will you diagnose and treat it?
3. Pathophysiology of vascular calcification in CKD.
4. Pure red cell aplasia.
5. How will you assess the nutritional status of pediatric CKD patients? What are the current guidelines for nutritional supplementation in Pediatric CKD?
6. Pathogenesis of IgA Nephropathy.
7. Dialysis prescription for a pregnant lady with renal failure.
8. What is Resistant HTN? What are the newer interventional treatments for Resistant HTN?
9. Renal involvement in multiple myeloma. Critically analyse the Bortezomib based regimen in myeloma kidney.
10. Current KDIGO guidelines for management of a child with nephrotic syndrome.
