

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[DM 0822]

AUGUST 2022

Sub. Code :1204

D.M. – NEPHROLOGY

Paper IV – RECENT ADVANCES

Q.P.Code: 161204

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. What are the types of hyperoxaluria? Explain the recent advances in the diagnosis and treatment of hyperoxaluria.
2. Discuss the role of rituximab in the management of lupus nephritis and update the newer drugs in the treatment of lupus nephritis.

II. Write notes on: (10 x 7 = 70)

1. Current role of Cell free DNA in diagnosis of transplant rejection.
2. Pathogenesis of cyst formation in ADPKD and role of V2 receptor antagonists.
3. Urinary proteomics.
4. Tomm horsfall protein in health and disease.
5. HIF stabilizers - mechanism of action and clinical implications.
6. Management of Membranous Nephropathy.
7. Urinary biomarkers in AKI and CKD.
8. Role of endothelin receptor antagonists in prevention of CKD progression.
9. Newer drugs in management of IgA nephropathy.
10. Obesity related glomerulopathy- pathogenesis and manifestations.
