

(LP 012)

AUGUST 2019

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. Infections and Autoimmune causes, pathology and Pathogenesis of Membranous Nephropathy. Detail the role of Rituximab in Membranous Nephropathy.
2. Describe in detail safety monitors in Haemodialysis Machines and procedures. Discuss Heparin free Hemodialysis.

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

1. C<sub>3</sub> glomerulopathy. How will you differentiate by LM, IFM, EM, the PIGN and C<sub>3</sub>GN?
2. Review on CKD after AKI.
3. Safety and immunogenicity of recombinant hepatitis 'B' vaccine.
4. Dietary recommendation in Nephrotic syndrome. Benefits of reducing Proteinuria.
5. HALT-PKD-I and HALT-PKD II trials in relation to role of ACE inhibitors and ARB in ADPKD.
6. Biomarkers of acute kidney injury and its clinical relevance.
7. Short notes on home dialysis Benefits. Discuss an FREEDOM trial.
8. Cellular, Molecular Events in pathogenesis and Morphology of Crescent formation.
9. Radio contrast induced acute kidney injury recent insights.
10. Describe the role of Chemoprophylaxis and vaccination in preventing infection – Post-Renal Transplant.

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