

(LM 012)**FEBRUARY 2018****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 strategies that can be implemented to prevent diabetic nephropathy? Discuss.
2. Hepatorenal syndrome – old and new classifications, newer understanding of pathogenesis and biomarkers.

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

1. Urinary proteomics in kidney transplantation.
2. Mitochondrial injury in Acute Kidney Injury.
3. Belatacept in renal transplantation.
4. Frequent Hemodialysis – discuss current evidence.
5. Dialysis dosing in Continuous Veno-venous hemodialfiltration.
6. Biomarkers in lupus nephritis.
7. Management of dyslipidemia in chronic kidney disease – newer recommendations.
8. HIF stabilizers.
9. Residual renal function estimation in dialysis without 24 hour urine collections.
10. Atypical anti-glomerular basement membrane nephritis.
