

QP Code:104504

Reg. No.:.....

**D.M. (Nephrology) Degree Regular/Supplementary Examinations
April 2025**

Paper IV – Recent Advances in Nephrology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. What are the factors that cause HLA sensitization in patients waiting for renal transplantation. What are the methods available to detect/identify HLA sensitization. What are the protocols available for desensitization

Short essays: (8x10=80)

2. Wearable artificial kidney
3. Urine proteomics in post-transplant graft dysfunction
4. Icodextrin: Mechanism of action, benefits and adverse effects
5. Renal preservation solutions in transplantation
6. What is PD Plus. What are the advantages over CAPD
7. THOTA Act and its latest amendments
8. TREG Cells in Kidney Transplantation
9. Novel intravenous iron preparations
