

QP Code:104504

Reg. No.:.....

**D.M. (Nephrology) Degree Regular/Supplementary Examinations
December 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. Write briefly on the recent updates regarding Xenotransplantation. What are the barriers to xenotransplantation being a wide-spread practice

Short essays: (8x10=80)

2. Write briefly on the role of Sparsentan treatment in patients with glomerular disease.
3. What are hypoxia– inducible factor – prolyl hydroxylase inhibitors. Discuss briefly their role in treatment of patients with kidney disease.
4. Write briefly on treatment with bardoxolone methyl in patients with kidney disease.
5. What is the drug *sucroferric oxyhydroxide* used for. What is the advantage of this drug compared to others drugs with similar action.
6. Briefly describe how you would evaluate diarrhea in a renal allograft recipient.
7. Describe the classification of infection related glomerulonephritis with respect to latency.
8. What is the role of continuous glucose monitoring in patients with advanced diabetic kidney disease.
9. What is meant by “intestinal hyperuricemia. What is its role in chronic kidney disease
