

QP Code:102504

Reg. No.:.....

D.M. (Nephrology) Degree Supplementary Examinations October 2025

Paper II – Clinical 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. Briefly discuss indications for genetic testing in patients with autosomal dominant polycystic kidney disease. What are the ethical principles involved in genetic testing of these patients

Short essays: (8x10=80)

2. Describe briefly the pathogenesis of tuberculosis of the urinary tract. What are the stages of bladder involvement.
3. What are some of the presumed pathogenic mechanisms that underlie infection – related glomerular injury. Please give examples.
4. How does collapsing glomerulopathy present. Briefly describe the etiological workup of this condition.
5. Briefly describe evaluation of a patient with multiple urolithiasis.
6. Write briefly on nocturnal home hemodialysis and the possible benefits of this modality.
7. What are the different peritoneal dialysis catheters in clinical use today. Illustrate your answer.
8. Write briefly on nutrition in a patient with acute kidney injury on renal replacement therapy.
9. What is functional renal reserve. Describe briefly.
