

QP Code:101504

Reg. No.:.....

D.M. (Nephrology) Degree Supplementary Examinations June 2026

Paper I – Basic Sciences

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. Embryogenesis of human kidney. Write a note on CAKUT

Short essays: (8x10=80)

2. Podocytopathies
3. Diuretic resistance
4. Medullary Nephrocalcinosis
5. Phosphatonins
6. Complement cascade and its involvement in Glomerular disease
7. Physiology of bladder filling and emptying and types of neurogenic bladder
8. Determinants of glomerular filtration rate
9. Fluid and electrolyte disturbances in diabetic ketoacidosis
