

QP Code:101504

Reg. No.:.....

**D.M. (Nephrology) Degree Regular/Supplementary Examinations
November 2023**

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. Discuss anion gap in detail and its utility in the diagnosis of metabolic acidosis

Short essays:

(8x10=80)

2. T regulatory cells (Tregs)
3. Slit diaphragm
4. Animal models in glomerular diseases
5. Transtubular potassium gradient
6. Uremic toxins
7. Tubuloglomerular feedback
8. Diuretic resistance
9. FGF 23 (Fibroblast Growth Factor 23)
