

QP Code:101504

Reg.No.:.....

**D.M. (Nephrology) Degree Examinations July 2019**

**Paper I – Basic Sciences**

**Time: 3 hrs**

**Max marks: 100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essay:**

**(20)**

1. Renal acid base handling and pathogenesis of distal renal tubular acidosis

**Short essays:**

**(8x10=80)**

2. Evaluation of polyuria
3. Glomerular filtration barrier
4. Methods of estimation of glomerular filtration rate
5. Biomarkers of acute kidney injury
6. Magnesium handling by nephron
7. Toll like receptors
8. Sodium modeling in hemodialysis
9. Syndrome of inappropriate anti diuretic hormone (SIADH)

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