

QP Code:101504

Reg.No.:.....

D.M. (Nephrology) Degree Examinations- July 2014

Paper I – Basic Sciences

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss the renal handling of H⁺ and explain how kidneys respond to chronic acid loading.

Short essays:

(8x10=80)

2. Tubulo glomerular balance
3. Role of urinary electrolytes in clinical nephrology
4. Hyperkalemic distal RTA (Renal Tubular Acidosis)
5. Pathogenesis of osmotic demyelination syndrome
6. Nephrologist's perspective of 'low birth weight'
7. Role of electron microscopy in renal pathology
8. Phosphatonins
9. Urinary anion gap
