

Q P Code: 101504

Reg. No.:.....

D.M. (Nephrology) Degree Examinations July 2018

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 uric acid. Enumerate the causes of hyperuricemia and discuss its role in hypertension

Short essays:

(8x10=80)

2. Causes and management of hyponatremia in cirrhosis liver
3. Pathological classification of diabetic nephropathy
4. Pathology of HIV associated nephrology
5. Tregs (T Regulatory cells)
6. Diagnostic algorithm for hypokalemia
7. Approach to normal anion gap acidosis
8. Biological actions of vitamin D
9. Fibroblast growth factor (FGF 23) and CKD
