

QP Code:103103

Reg.No.:.....

PG Degree Examinations in Biochemistry (MD) April 2018

Paper III – Nutrition and Metabolism

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Describe in details the source, active forms, metabolic role, deficiency manifestations, RDA and hypervitaminosis of vitamin A.

Short essays:

(8x10=80)

2. Detoxification by conjugation.
3. Biochemical basis, clinical and laboratory features of Wilsons disease.
4. Nutritional indices to assess the biological value of proteins.
5. Urine screening test for inborn errors of metabolism.
6. Prions disease.
7. Lipo-oxygenase pathway of arachidonic acid.
8. Energy releasing steps of TCA cycle, its significance and regulation.
9. Galactosemia
