

QP Code:103103

Reg.No.:.....

PG Degree Examinations in Biochemistry (MD) - May 2017

Paper III – Nutrition and Metabolism

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Detail the mechanism of iron absorption with its function, requirements and deficiency manifestations.

Short essays: (8x10=80)

2. Biochemical functions of vitamin-C and its deficiency manifestations.
3. Digestion and absorption of lipids.
4. Components of electron transport chain and its inhibitors.
5. Disorders associated with pyrimidine metabolism.
6. Stages of xenobiotics.
7. Reactive oxygen species.
8. Functions of chaperones and add a note on prions.
9. Balanced diet.
