

QP Code:103103

Reg. No.:.....

PG Degree Examinations in Biochemistry (MD) April 2019

Paper III – Nutrition and Metabolism

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss the metabolic alterations in fed and fasting states.

Short essays:

(8x10=80)

2. Niacin
3. Fatty acid synthesis
4. Basal metabolic rate
5. Chemiosmotic theory
6. Free radicals and antioxidants
7. Importance of zinc and fluoride
8. Specialised products from tryptophan
9. Porphyrins
