

QP Code:103103

Reg.No.:.....

PG Degree Examinations in Biochemistry (MD) - May 2013

Paper III- Nutrition and Metabolism

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Discuss in detail the oxidative pathways of glucose.

Short essays:

(8x10=80)

2. Briefly explain the mechanism of free radical damage and how it can be overcome in health conditions.
3. Describe the types, structure and function of the various high density lipoprotein particles
4. Parenteral nutrition
5. Metabolism of xenobiotics
6. Functions and metabolism of Iron
7. National nutritional programmes
8. Glycogen synthesis and its regulation
9. Porphyrias
