

QP Code:103103

Reg.No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD) -
November 2016**

Paper III – Nutrition and Metabolism

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Compare and contrast breakdown of glycogen in muscle and liver. Discuss the role of hormones in glycogen degradation. Mention glycogen storage disorders.

Short essays:

(8x10=80)

2. Discuss the formation and fate of acetyl co A
3. Enumerate the consequences of deficient intake of trace elements
4. Describe the properties, source and effects of free radicals in the body
5. Hyperlipoproteinemias
6. S-adenosyl methionine
7. Justify vitamin-D as a hormone'
8. Lens proteins
9. Dietary fibre.
