

QP Code:103103

Reg.No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD) -  
November 2017**

**Paper III – Nutrition and Metabolism**

Time: 3 hrs

Max marks:100

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

**Essays:**

**(20)**

1. How cholesterol exists in the body. Discuss in detail the biosynthesis and metabolic fate of cholesterol. Add a note on hypercholesterolemias.

**Short essays:**

**(8x10=80)**

2. Balanced diet
3. Detoxification by conjugation
4. Describe the formation and role of polyamines in the body
5. Reciprocal regulation of glycolysis and gluconeogenesis
6. Role of vitamins as coenzymes in metabolism
7. Glycaemic index
8. Prions disease
9. Unconjugated hyperbilirubinemias

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