

QP Code:103103

Reg. No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD)
December 2020**

Paper III – Nutrition and Metabolism

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Describe anti neuritic vitamins, biological reactions in the metabolism and their deficiency disorders.

Short essays: (8x10=80)

2. Calcium metabolism and associated disorders.
3. Types and features of homocystinuria
4. Types of hemochromatosis
5. Inborn errors of protein metabolism
6. Formation and metabolism of chylomicrons
7. Unconjugated hyperbilirubinemias
8. Protein energy malnutrition
9. Metabolism of xenobiotics
