

QP Code:103103

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Biochemistry
(MD) June 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. Discuss the digestion and absorption of carbohydrates. Add a note on the associated disorders.

Short essays:

(8x10=80)

2. Specialised products formed from glycine
3. Regulation of blood calcium level
4. Parenteral nutrition
5. Detoxification by conjugation
6. Biochemical events in skeletal muscle contraction
7. Describe the metabolism of adipose tissue.
8. Sources, biochemical functions and deficiency manifestations of vitamin B₁₂
9. Metabolism of bilirubin
