

QP Code:103103

Reg. No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD)
July 2025**

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 metabolism in adipose tissue and its regulation

Short essays: (8x10=80)

2. Biochemical assessment of nutritional status
3. One carbon metabolism
4. Glycogenolysis in the muscle and its regulation
5. Porphyrrias
6. Detoxification mechanisms
7. Catabolism of Tyrosine
8. Hyperlipoproteinemias
9. Dietary modifications in Renal diseases
