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Reg. No......

Name.....

M.Sc. (MEDICAL BIOCHEMISTRY) DEGREE EXAMINATION, JULY 2025

Fifth Semester

NUTRITION AND DIETETICS

(2022 Admissions—Regular, 2019 – 2021 Admissions—Supplementary, 2018 – 2016
Admissions—Mercy Chance)

Time : Two Hours and a Half

Maximum Marks : 80

All Questions are compulsory.

Draw diagrams wherever necessary.

- I. Write a note on protein sources in food. What are the major functions, and how can assess the protein quality ? Write about clinical problems associated with proteins in the diet. (20)
- II. Explain food energy and food energy measurement. (10)
- III. Explain obesity and biochemical mediators of obesity. (10)
- IV. Write short notes on the following :
- 1 Nutritional anemia.
 - 2 Assessment of the nutritional status of a population.
 - 3 Dietary fibers.
 - 4 Nutritional requirement of renal patient.
 - 5 Formulation of a balanced diet.
 - 6 Diabetics.
 - 7 Requirement of lipids in diet.
 - 8 Food toxins.

(8 × 5 = 40)

