

[KL 505]

Sub. Code : 4056

II. Write short notes on : (10 × 5 = 50)

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper VI — BIOCHEMISTRY — II

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw labelled diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Discuss the metabolism of GLYCINE. Add a note on Metabolic disorders associated with glycine metabolism. (15)

(2) Discuss the distribution of calcium in the body. Describe the sources, daily requirement, absorption, and excretion of calcium. How is the blood calcium level regulated? (15)

1. Alkaptonuria.
2. Transfer RNA.
3. Metabolism of zinc.
4. Detoxication by conjugation.
5. Salvage pathway of purine synthesis.
6. Metabolic Acidosis.
7. Tumor markers.
8. Clearance tests.
9. Lac operon.
10. Cytochrome P 450.