

[KE 504 A]

Sub. Code : 4055

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

(Non-Semester)

(Revised Regulations)

Paper V — BIOCHEMISTRY — I

Time : Three hours Maximum : 100 marks

Theory : Two and a half hours Theory : 70 marks

M.C.Q. : Half an hour M.C.Q. : 30 marks

MCQ must be answered separately on the answer sheet provided as per the instructions on the first page.

1. Define enzyme. Write about factors regulating enzymatic activity. Name four clinically important enzymes. Mention their importance. (15)

2. Short notes : (4 × 5 = 20)

- (a) Lipoproteins
- (b) Active form of Vit. D and its biochemical role
- (c) VandenBergh test
- (d) Inhibitors of respiratory chain.

3. What is Normal Blood Glucose Value? Write in detail about its regulation. (15)

4. Short notes on : (4 × 5 = 20)

- (a) Essential fatty acids
- (b) Tests to identify ketone bodies in urine
- (c) Abnormal hemoglobin
- (d) Specific Dynamic Action (SDA).