

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

(Non-Semester)

(Revised Regulations)

**Paper VI — BIOCHEMISTRY — II**

Time : Three hours

Maximum : 50 marks

Two and a half hours

Section A : 35 marks

for Section A

Section C : 15 marks

Section C must be answered separately on the  
answer sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

**SECTION A — (35 marks)**

1. Describe glycine metabolism. Write the various compounds formed from glycine. (10)
2. Write briefly on : (5 × 5 = 25)
  - (a) How is uric acid formed in the body? Write a note on hyperuricemias.
  - (b) Post-transcriptional modifications of RNA.
  - (c) Write the difference between metabolic and respiratory acidosis.
  - (d) Xenobiotics.
  - (e) Recombinant DNA.