

MP 515]

FIRST M.B.B.S. DEGREE EXAMINATION

(Common to NR/RR)

Paper III - BIOCHEMISTRY

Time : Three hours

Maximum : 100 marks

Two and a half hours
for Section A and B

Section A and B : 70 marks

Section C : 30 marks

Separate answer books must be used for Section A and B.

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

Answer ALL questions

SECTION A - (35 marks)

1. Give the classification of enzymes. Mention the enzymes of clinical importance. (20)
2. Write short notes on: (3X5=15)
 - (a) Galactosemia
 - (b) Immunoglobulins
 - (c) Gout

SECTION B - (35 MARKS)

3. Name the pathways available for glucose metabolism in the body. Enumerate the steps of aerobic metabolism of glucose and give its energetics. (20)
4. Write notes on: (3X5=15)
 - (a) BMR
 - (b) Nitrogen balance
 - (c) Physiological jaundice