

[PR 103]

FIRST M.B.B.S. DEGREE EXAMINATION

First Semester

Part I

Paper III - BIOCHEMISTRY

Time : Three hours

Maximum : 90 marks

Answer ALL the questions.

Sections A and B should be answered in separate answer papers

Section C must be answered separately on the answer sheet

placed inside the question paper booklet as per

the instructions given on the first page

SECTION A - (2X15=30 marks)

1. What is 'Oxidative Phosphorylation'? Describe in detail how the reducing equivalents are oxidising in the body.
2. Describe in detail the cholesterol synthesis transport and excretion.

SECTION B - (6X5=30)

3. Write short note on:

- (a) Chromatography
- (b) Lactic acidosis
- (c) Galactosemia
- (d) Starvation syndrome
- (e) Oxidation of odd carbon fatty acids
- (f) Role of metal ions in enzymatic catalysis