

**FIRST M.B., B.S. EXAMINATION, JUNE 1990**

**Semester II**

**PHYSIOLOGY—II**

Time : Three hours

Maximum : 90 marks

- (i) Answer ALL the questions.
- (ii) Section A and Section B should be answered in separate answer books
- (iii) Section C must be answered separately on the answer sheet placed inside the question booklet as per the instructions given on the first page.

**SECTION A**

What is Marey's Law? Describe the reflexes on which it is based. (15 marks)

Describe the origin, course and termination of Corticospinal tract. Mention its functions and the effects of lesion in the internal capsule. (15 marks)

**SECTION B**

Write short notes on :

- (a) Photoreceptors.
- (b) Functions of thalamus.
- (c) Rinnee test and its significance
- (d) Asphyxia.
- (e) P.-R. interval.
- (f) Astigmatism.

(6 × 5 = 30 marks)