

FIRST M.B.B.S. DEGREE EXAMINATION

First Semester

Paper II - PHYSIOLOGY - I

Time : Three hours

Maximum : 90 marks

Separate answer books must be used for Sec.A and B
Section C must be answered separately on the answer sheet
provided as per instructions on the first page

Answer ALL the questions

SECTION A - (2 x 15 = 30 marks)

1. Give an account of the gastro-intestinal hormones with reference to

- (a) Site of production
- (b) Regulation of Secretion
- (c) Function

2. Describe the synthesis, storage, release and actions of adrenal medullary hormones.

SECTION B - (6 x 5 = 30 marks)

3. Write short notes on:

- (a) Ionic basis of muscle contraction
- (b) Role of kidney in the maintenance of water balance in the body
- (c) Phases of menstrual cycle
- (d) Erythroblastosis foetalis
- (e) Measurements of body fluid volume in different compartments
- (f) Cushing syndrome