

G 1750

Reg. No.....

Name.....

FIRST PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, JUNE 2009

ANATOMY—PAPER I

(Section A-II and B)

Time : Two Hours and forty-five minutes

Maximum : 45 Marks

Answer Sections A-II and B in separate answer-books.

Draw diagrams wherever necessary.

Section A-II

II. A 50 year old man who is a heavy smoker was brought to the casualty with history of severe retrosternal pain and sweating. The pain is radiating to his left forearm. Also showed typical changes of myocardial infarction in the ECG. Admitted in the intensive care unit.

- (a) What is the reason for retrosternal pain ?
- (b) Explain the reason for the radiation of pain.
- (c) Name the arteries supplying the heart, giving the origin, course, branches and areas of supply.
- (d) Mention the venous drainage of heart.
- (e) Name few investigations to be done in this case.

(1 + 1 + 5 + 2 + 1 = 10 marks)

III. Write briefly on :

- (a) Lymphatic drainage of breast.
- (b) Prenatal diagnosis.

(5 + 5 = 10 marks)

Section B

IV. Write short answers on :

- (a) Ligaments of knee joint.
- (b) Obturator nerve.
- (c) Hyaline cartilage.

(5 × 3 = 15 marks)

V. Write short notes on :

- (a) Epiphysis.
- (b) Somites.
- (c) Ossification of bone

(2 × 3 = 6 marks)

VI. Draw neat labelled diagrams of :

- (a) Transverse section of hand showing palmar spaces.
- (b) Boundaries and contents of femoral triangle.

(2 × 2 = 4 marks)