

G 5274-B

Reg. No.....

Name.....



**FIRST M.B.B.S. DEGREE EXAMINATION, AUGUST 2004**

**ANATOMY—Paper II**

(Revised Scheme—2003 admission onwards)

Time : 2 Hours and 40 Minutes

Maximum : 40 Marks

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

Draw diagrams wherever necessary.

**Section A-II**

II. Write briefly on :

- (a) Development of face.  $2\frac{1}{2}$   
(b) Optic tract. 2  
(c) Blood supply and lymphatic drainage of rectum.  $1\frac{1}{2}$

(3 × 5 = 15 marks)

**Section B**

III. A 34-year old man was brought to the casualty following a traffic accident. Patient was in shock. Abdomen was swollen C.T. examination revealed blood in the peritoneal cavity. An emergency laparotomy was done and there was profuse bleeding from the liver which was torn. Using your knowledge in anatomy, answer the following questions :—

- (a) What is the surface marking of the liver ? (2 marks)  
(b) Name the vessels bringing blood to the liver. (1 mark)  
(c) Give the origin and termination of these vessels. (1 mark)  
(d) Name the vascular segments of the liver. Add a note on its applied importance. (3 marks)  
(e) Describe the development of the liver.  $1\frac{1}{2}$  (3 marks)

IV. Short answer questions :

- (a) Deep perineal pouch. 2  
(b) Microscopic structure of kidney.  $1\frac{1}{2}$

(2 × 3 = 6 marks)

V. Write short notes on :

- (a) Tympanic membrane.  $1\frac{1}{2}$   
(b) Pterygopalatine ganglion.  $1\frac{1}{2}$

(2 × 2 = 4 marks)

VI. Draw a neat labelled diagram of the cross-section of medulla at the level of sensory decussation.

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(5 marks)