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(Pages: 2 + 2 = 4)

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Reg. No.....

FIRST PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, FEBRUARY 2011

ANATOMY-Paper II

(New Scheme)

Time: Three Hours

Maximum: 50 Marks

Answer Sections A and B in separate answer-books.

Draw diagrams wherever necessary.

Question I should be answered first in the response sheet provided.

Section A

I. Multiple Choice Questions. (Separate sheet attached).

- $(10 \times \frac{1}{2} = 5 \text{ marks})$
- II. A 25 years old woman had the complaint of swelling on the front of her neck. On examination, a solitary nodular swelling was found in the midline of neck. The swelling was moving with swallowing. Based on anatomical knowledge, answer the following questions:
 - (a) Name the gland that causes the swelling.
 - (b) Give its parts and the closely related structures.
 - (c) Mention its arterial supply.
 - (d) Add a note on its development.
 - (e) Give the reason for the movement of the swelling with swallowing.

(1+4+2+2+1=10 marks)

III. Write briefly on:

- (a) Parts, surfaces and relations of urinary bladder.
- (b) Blood supply and functional areas of medial surface of cerebral hemisphere.

 $(2 \times 5 = 10 \text{ marks})$

Section B

IV. Write short notes on:

- (a) Muscles of mastication.
- (b) Microscopy of pancreas.
- (c) Oblique muscles of eye ball.
- (d) Superficial perenial pouch.
- (e) Basilar artery.

 $(5 \times 3 = 15 \text{ marks})$

Write short notes:

- Cleft lip.
- Morrison's pouch.
- Lumbar puncture.

 $(3 \times 2 = 6 \text{ marks})$

Draw neat labelled diagrams of:

- Cross-section of Pons at the lower level.
- The structures forming stomach bed.

I. MULTIPLE CHOICE QUESTIONS

ANATOMY-Paper II

(New Scheme)

10 Minut	tes			Maximum: 5 Marks	
Note.—(1	i) Do not write anything or	n the question	on paper.		
(2) Write your register number		ber on the a	er on the answer-sheet provided.		
(3	 Select the appropriate answer-sheet provided. 	answer and	l encircle the alphabet agair	ist each question in the	
(4	 In the answer-sheet enterprovided. 	er the total	number of your answers i	n the appropriate box	
(5	5) Each question carries ½	mark.			
The sub	mandibular duct has triple	relations wi	th the following nerve:		
(A)	Hypoglossal.	(B)	Lingual.		
(C)	Inferior alveolar.	(D)	Glossopharyngeal.		
The mas	stoid antrum is closely relat	ed to the fol	lowing venous sinus :		
(A)	Inferior petrosal.	(B)	Transverse.		
(C)	Sigmoid.	(D)	Cavernous.		
The effe	rent fibres of cremasteric re	eflex pass th	rough the following nerve :		
(A)	Ilioinguinal.	(B)	Iliohypogastric.		
(C)	Obturator.	(D)	Genitofemoral.		
Taste by	uds are seen in relation to th	ne following	structures except:		
(A)	Fungiform papilla.	(B)	Circumvallate papilla.		
(C)	Filiform papilla.	(D)	Folia linguae.		
Pectina	te line is along the lower lim	it of:			
(A)	Anal valves.	(B)	Columns of morgagni.		
(C)	Valves of Houston.	(D)	Anal canal.		
Hepatoo	cytes develop from :				
(A)	Septum transversum.	(B)	Endoderm of foregut.		
(C)	Ventral mesentery.	(D)	Neural crest cells.		
The par	t of fallopian tube where fer	tilization ta	kes place :		
(A)	Intramural.	(B)	Isthmus.		
	Ampulla.	(D)	an ar a second		
	The sub (A) (C) The effe (A) (C) Taste br (A) (C) Tectinal (A) (C) Tectinal (A) (C) The par	(2) Write your register number of the appropriate answer-sheet provided. (4) In the answer-sheet enterprovided. (5) Each question carries ½ The submandibular duct has triple (A) Hypoglossal. (C) Inferior alveolar. The mastoid antrum is closely related. (A) Inferior petrosal. (C) Sigmoid. The efferent fibres of cremasteric results (A) Ilioinguinal. (C) Obturator. Taste buds are seen in relation to the (A) Fungiform papilla. (C) Filiform papilla. Pectinate line is along the lower limed (A) Anal valves. (C) Valves of Houston. Hepatocytes develop from: (A) Septum transversum. (C) Ventral mesentery. The part of fallopian tube where few (A) Intramural.	Note.—(1) Do not write anything on the question (2) Write your register number on the answer-sheet provided. (3) Select the appropriate answer and answer-sheet provided. (4) In the answer-sheet enter the total provided. (5) Each question carries ½ mark. The submandibular duct has triple relations with (A) Hypoglossal. (B) (C) Inferior alveolar. (D) The mastoid antrum is closely related to the folic (A) Inferior petrosal. (B) (C) Sigmoid. (D) The efferent fibres of cremasteric reflex pass the (A) Ilioinguinal. (B) (C) Obturator. (D) Taste buds are seen in relation to the following (A) Fungiform papilla. (B) (C) Filiform papilla. (B) (C) Filiform papilla. (D) Pectinate line is along the lower limit of: (A) Anal valves. (B) (C) Valves of Houston. (D) Hepatocytes develop from: (A) Septum transversum. (B) (C) Ventral mesentery. (D) The part of fallopian tube where fertilization take (A) Intramural. (B)	Note.—(1) Do not write anything on the question paper. (2) Write your register number on the answer-sheet provided. (3) Select the appropriate answer and encircle the alphabet again answer-sheet provided. (4) In the answer-sheet enter the total number of your answers in provided. (5) Each question carries ½ mark. The submandibular duct has triple relations with the following nerve: (A) Hypoglossal. (B) Lingual. (C) Inferior alveolar. (D) Glossopharyngeal. The mastoid antrum is closely related to the following venous sinus: (A) Inferior petrosal. (B) Transverse. (C) Sigmoid. (D) Cavernous. The efferent fibres of cremasteric reflex pass through the following nerve: (A) Ilioinguinal. (B) Iliohypogastric. (C) Obturator. (D) Genitofemoral. Taste buds are seen in relation to the following structures except: (A) Fungiform papilla. (B) Circumvallate papilla. (C) Filiform papilla. (D) Folia linguae. Pectinate line is along the lower limit of: (A) Anal valves. (B) Columns of morgagni. (C) Valves of Houston. (D) Anal canal. Hepatocytes develop from: (A) Septum transversum. (B) Endoderm of foregut. (C) Ventral mesentery. (D) Neural crest cells. The part of fallopian tube where fertilization takes place: (A) Intramural. (B) Isthmus.	

Time: 10 Minutes

I. MULTIPLE CHOICE QUESTIONS

ANATOMY-Paper II

(New Scheme)

I	Vote.—(1)	Do not write anything of	on the question	on paper.		
	(2) Write your register number on the answer-sheet provided.					
	(3)	Select the appropriate answer-sheet provided.	answer and	l encircle the alphabet against e	each question in the	
	(4)	In the answer-sheet en provided.	ter the total	number of your answers in th	he appropriate box	
	(5)	Each question carries 1/2	mark.			
1.	The subm	andibular duct has triple	relations wi	th the following nerve:		
	(A) F	lypoglossal.	(B)	Lingual.		
	(C) I:	nferior alveolar.	(D)	Glossopharyngeal.		
2.	The mast	oid antrum is closely rela	ted to the foll	lowing venous sinus :		
	(A) I	nferior petrosal.	(B)	Transverse.		
	(C) S	Sigmoid.	(D)	Cavernous.		
3.	The effer	ent fibres of cremasteric	reflex pass th	rough the following nerve:		
	(A) I	lioinguinal.	(B)	Iliohypogastric.		
	(C) C	Obturator.	(D)	Genitofemoral.		
4.	Taste bud	ds are seen in relation to t	the following	structures except:		
	(A) F	ungiform papilla.	(B)	Circumvallate papilla.		
	(C) F	Filiform papilla.	(D)	Folia linguae.		
5.	Pectinate	line is along the lower li	nit of:			
	(A) A	Anal valves.	(B)	Columns of morgagni.		
	(C) V	Valves of Houston.	(D)	Anal canal.		
6.	Hepatocy	rtes develop from :				
	(A) S	Septum transversum.	(B)	Endoderm of foregut.		
	(C) \(\)	Ventral mesentery.	(D)	Neural crest cells.		
7.	The part	of fallopian tube where fe	ertilization ta	kes place :		
	(A) I	ntramural.	(B)	Isthmus.		
	(C) A	Ampulla.	(D)	Infundibulum.		
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Turn over

Maximum: 5 Marks