Seat No.: _____

PR No.:_____

	t Na 3 l ction 1. 2. 3.	ime: iour is: Use Att Dra	BDS – 1 st Year – EXAMINATION – NOV/DEC- 2017 1DS1010101 Date:19/12/2017 c General Human Anatomy including Embryology & Histology rs Total Marks: 7(e separate answer book for each section. tempt all questions. aw diagrams wherever necessary. gures to the right indicate marks.)
Q.1		An	<u>SECTION – A</u> swer the following Structured Long Essay question. (Any One)	10
		A	Describe the gross and applied anatomy of infra temporal fossa briefly.	
		B	Describe briefly the facial nerve & its applied anatomy.	
Q.2		A B C D	 swer the following Short Essay questions. (Any Three) Posterior triangle Microscopic anatomy of skeletal muscles Cavernous sinus. Derivatives of Pharyngeal arches. 	15
		E	Gross anatomy of spleen.	_
Q.3		An A B C D E	swer the following Short questions. Define neuron and types. What is Horner's syndrome? Mention only stages of meiotic division of cell. Mention the nerve supply of anterior 2/3 of tongue Define the Dangerous area of face.	5
Q.4		Ch	oose Correct Options from Following Multiple Choice Questions	5
		1 2 3 4 5	Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim Articular disc of TM joint morphologically represents primitive insertion of 	

<u>SECTION – B</u>

Q.5	Answer the following Structured Long Essay question. (Any One)		
	A	Describe Para-nasal air sinuses in detail. Discuss its applied anatomy.	
	В	Describe relations, nerve supply, histology, & applied anatomy of parotid gland	
Q.6	Ans	wer the following Short Essay questions. (Any Three)	15
	A	Submandibularu Ganglion	
	B	Development of face.	
	С	Histology of trachea.	
	D	Interior of larynx.	
	E	Internal Capsule of brain.	
Q.7	Ans	wer the following Short questions.	5
	A	What is ansa cervicalis?	
	B	What is Killen's dehiscence?	
	С	Mention the blood supply of nasal septum.	
	D	Define sinusoid, capillaries and arteriole.	
	E	Give the name of tract that form climbing fibers in cerebellum.	
Q.8	Cho	oose Correct Options from Following Multiple Choice Questions	5
	1	The outer layer of the skin is composed ofA. Simple cuboidal epitheliumB. Simple columnar epitheliumC. Stratified squamous epitheliumD. Transitional epithelium	
	2	Tendon is an example ofB.Dense irregular connective tissueA. Loose connective tissueB.Dense irregular connective tissueC. Dense regular connective tissueD.Specialized connective tissue	
	3	The muscle that protrudes the tip of the tongue is :	
	4	A. GenioglossusB. HyoglossusC. StyloglossusD. PalatoglossusThe facial muscle that produces horizontal wrinkles on the forehead is A. ProcerusB. Corrugator superciliiC. Frontal belly of occipitofrontalisD. Orbicularis oculi	
	5	In abducted eye elevation of eyeball is done by A.Inferior oblique B.Superior rectus C. Superior oblique D. All of above	

Date: 3/12 / 2018

Total Marks: 70

SANKALCHAND PATEL UNIVERSITY

BDS - 1st Year - EXAMINATION - NOV/DEC-2018

Subject Code: 1DS1010101

Subject Name: General Human Anatomy including Embryology & Histology

Time: 3 hours

Instructions:

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4. Figures to the right indicate marks.

SECTION – A

(1 out of 2)Write Structured Long Essay 10 0.1 Describe Thyroid gland under following headings Α 1) Location 2) Gross features 3) Relations 4) Blood supply 5) Applied aspect Describe Intrinsic and extrinsic muscles of the Tongue under following B headings 1) Origin and insertion 2) Action 3) Nerve supply 4) Applied anatomy Write Short Essay (3 out of 5) 15 **Q.2** Origin, course and branches of external carotid artery Α Cleft lip B Histology of elastic artery С Dangerous area of face D Е Boundaries, roof, floor and contents of Carotid triangle Answer following Q.3 5 Nerve supply of Sternocleidomastoid and trapezius muscles Α B Contents of carotid sheath С Structures passing through foramen ovale D Name any two terminal branches of facial nerve Nerve supply of lateral rectus muscle Е Answer following MCQ's 5 0.4 Action of bucinator muscle Α b. whistling d. surprise a. Smiling c. fright Which muscle divides the submandibular gland into superficial and deep parts ? B a. Hyoglossus b.mylohoid c. geniohyoid d. anterior belly of diagastric С What is the identifying feature of histology of kidney? a. Renal corpuscles b. colloid c. peyer's patches d. none of the above Which nerve enters into the mandibular foramen? D a. Maxillary nerve b. inferior alveolar nerve c. facial nerve d. nerve to mylohyoid Facial artery is a branch of E a. Internal carotid artery b. occipital artery d. maxillary artery c. external carotid artery

0.5 Write Structured Long Essay (1 out of 2) 10 Α Describe scalp under the following headings 1. Extent 2. Layers 3. nerve supply 4. arterial supply 5. Applied anatomy Describe the muscles of mastication under following headings В 1. Origin and insertion 2. Actions 3. Nerve supply 4. Applied anatomy Q.6 Write Short Essay (3 out of 5) 15 Cavernous sinus Α B Histology of ureter С Development of thyroid gland and its Anomalies D Little's area Е Palatine tonsil **Q.7** Answer following 5 Name the cranial nerves passing through jugular foramen A В The identifying feature of histology of Thymus is С Middle meningeal artery is a branch of which artery? D Chorda tympani is a branch of which nerve? Where does maxillary sinus open? Ε **Q.8** Answer following MCQ's 5 A The joint between tooth and Gum is a. Syndesmosis b. suture c. Gomphosis d. primary cartilaginous joint B Features of Horner's syndrome are all of the following except a. Ptosis b. miosis c. Anhyrosis d. Exopthalmos Ophthalmic artery is a branch of С a. Internal carotid b. external carotid c. maxillary d. vertebral Peyer's patches are present in D b. jejunum a. Duodenum c. Ileum d. stomach Which type of synovial joint is Superior radio-ulnar joint E a.Ball and socket b.Ellipsoid d. saddle c. pivot

ubjec	ct Code: 1DS1010101 ct Name: General Human Anatomy including Embryology	
	3 hours	Total Marks: 70
1 2 3	 Use separate answer book for each section. Attempt all questions. Draw diagrams wherever necessary. Figures to the right indicate marks. 	SPU
0.4	SECTION – A	
Q.1	Answer following Structured Long Essay (1 out of 2	2) 10
	A Describe the boundaries and contents of Carotid triangle	
Q.2	BDescribe the parotid gland in DetailWrite following Short Essay(3 out of 5)	1
	 A Blood supply of scalp B Synovial joint C Histology of Liver D Implantation E Extrinsic Muscles of tongue 	
Q.3	Answer following short/Objective type questions	5
	 A Nerve supply of Sternocleidomastoid and trapezius musc B Contents of carotid sheath C Structures passing through foramen ovale D Name any two terminal branches of facial nerve E Nerve supply of lateral rectus muscle 	les
Q.4	Answer following MCQ's	5
-	 Action of buccinator muscle a. Smiling b. whistling c. fright d. surprise Which muscle divides the submandibular gland into superficia	al and deep parts ?
	 What is the identifying feature of histology of kidney? a. Renal corpuscles b. colloid c. peyer's patches d. none of the above 	
	 Which nerve enters into the mandibular foramen? a. Maxillary nerve b. inferior alveolar nerve c. facial nerve d. nerve to mylohyoid 	2
	 5 Facial artery is a branch of a. Internal carotid artery c. external carotid artery d. maxillary artery 	

Q.5	Ans	wer following Structured Long Essay (1 out of 2)	10				
Z			10				
	Α	A Describe Temporo-mandibular joint in detail					
	B Describe in detail muscles of larynx & its Applied Aspect						
Q.6	Wri	te following Short Essay (3 out of 5)	15				
	A	Constrictors of pharynx and their applied aspect					
	B	Blood supply of a typical long bone					
	С	Cleft palate and Cleft Lip					
	D	Waldeyer's ring					
	E	Histology of submandibular gland					
	Ľ	Thistology of submandibular grand					
Q.7	Ans	wer following short/Objective type questions	5				
	Α	Name the cranial nerves passing through jugular foramen					
	B	The identifying feature of histology of Thymus is					
	С	Middle meningeal artery is a branch of which artery?					
	D	Chorda tympani is a branch of which nerve?					
	Ε	Where does maxillary sinus open?					
Q.8	Ans	wer following MCQ's	5				
	1	The joint between tooth and Gum is					
		a. Syndesmosisb. suturec. Gomphosisd. primary cartilaginous joint					
	2	Features of Horner's syndrome are all of the following except a. Ptosis b. miosis					
		c. Anhyrosis d. Exopthalmos					
	3	Ophthalmic artery is a branch of					
		a. Internal carotid b. external carotid					
	4	c. maxillary d. vertebral Peyer's patches are present in					
	7	a. Duodenum b. jejunum					
		c. Ileum d. stomach					
	5	Which type of synovial joint is Superior radio-ulnar joint					
		a.Ball and socket b.Ellipsoid					
		c. pivot d. saddle					

Subject	Code: 1DS1010101	MINATION – NOV/DEC –	Date:09/12/ 2019
-	Name: General Human Anatom	y including Embryology & His	
Time: 3			Total Marks: 70
Instructio	Use separate answer book for ea	ch section	CX
	Attempt all questions.	ch section.	
	Draw diagrams wherever necess	ary.	
	Figures to the right indicate mar		
	SE	CTION –A	
Q.1 Answ	ver the following structured long	essay question (1 out of 2)	(10)
A.	Gross anatomy and applied anat	omy of cavernous sinus	
В.	Temporomandibular joint		
Q.2 Answ	ver the following short essay ques	stions (3 out of 5)	(15)
A.	Digastric triangle		
В.	Mandibular nerve		
	Development of palate		
D.	Histology of compact bone		
E.	Gross anatomy of stomach		
Q.3 Answ	ver the following objective questi	ons	(5)
A.	What is black eye ?		5
В.	Name the structures passing three	ough internal acoustic meatus	5.
	Name the branches of first part	of maxillary artery.	
D.	What is carotid sinus ?		
E.	Name the infrahyoid muscles.		
Q.4 Choo	ose correct option from following	Multiple choice questions	(5)
1	Safety muscle of tongue is		
	A) Hyoglossus	B) Genioglossus	
	C) Paltoglossus	D) Styloglossus	
2	Nasolacrimal duct opens into		
	A) Superior meatus	B) Middle meatus	
	C) Inferior meatus	D) Sphenoethmoidal rec	ess
3	Median atlantoaxial joint is whi	ch type of joint ?	
	A) Pivot	B) Saddle	
	C) Ellipsoid	D) Hinge	
4	Trapezius muscle is supplied by	which nerve?	
	A) Hypoglossal	B) Glossopharyngeal	
	C) Mandibular	D) Spinal accessory	5
5	Urinary bladder is lined by		•
	A) Simple squamous epithelium		is epithelium
	C) Transitional epithelium	D) Simple columnar e	-

Q.5 Answer the following structured long essay question (1 out of 2) (
A. Gross anatomy and applied anatomy of maxillary sinus						
B. Attachmer	nts, nerve supply, action	as & applied anatomy of extraocular	muscles			
Q.6 Answer the follo	Q.6 Answer the following short essay questions (3 out of 5)					
A. Sternoclei	A. Sternocleidomastoid muscle					
B. Otic gangl						
C. Developm						
-	of thyroid gland					
E. Pyramidal						
j i i i i						
Q.7 Answer the follo	wing objective question	18	(5)			
A. What is Li	ittle's area ?					
	igeminal neuralgia?					
	different parts of deep c	cervical fascia.				
	structures attached to th					
	he type of cartilage pres	• •				
Q.8 Choose correct of	ption from following N	Multiple choice questions	(5)			
1 Chanda tar		of which name 2				
-	Chorda tympani nerve is a branch of which nerve ?					
	A) Facial B) Mandibular C) Varue D) Use alaged					
C) Vagus	C) Vagus D) Hypoglossal Which of the following nerve passes through foramen ovale ?					
A) Greater		B) Deep petrosal				
C) Lesser	-	D) Maxillary				
	ery is usually a branch of					
	l carotid artery	B) External carotid artery				
C) Maxilla	•	D) Subclavian artery				
	rd branchial arch is	D) Subclavial artery				
A) Hypogl		B) Glossopharyngeal				
C) Facial	105541	D) Mandibular				
	of vocal cord is done by	· · · · · · · · · · · · · · · · · · ·				
	cricoarytenoid	B) Transverse arytenoid				
	e arytenoid	D) Posterior cricoarytenoid				
C) Conqu						

RU



Seat N	lo.: _	PR No.:	
		SANKALCHAND PATEL UNIVERSITY	
		BDS - (1 st) Year - EXAMINATION - July-August-2020	
-		Code: 1DS1010101 Date:10/10/2020	
•		Name: General Human Anatomy including Embryology & Histology	0
Time			<u>U</u>
Instru		ns: Use separate answer book for each section.	
	2.	Attempt all questions.	
		Draw diagrams wherever necessary.	
	4.	Figures to the right indicate marks.	
		SECTION – A	
Q.1	Ans	swer Structured Long Essay (Any 1 out of 2)	10
	А	Describe the Thyroid gland in Detail	
0.1	B	Describe in detail Extra-ocular muscles & its Applied Aspect	15
Q.2	WI A	ite Short Essay (Any 3 out of 5) Intrinsic Muscles of tongue	15
	B	Histology of Gall Bladder	
	С	Cartilaginous joints	
	D	Formation of neural tube	
Q.3	E Ans	Dangerous area of face and its Applied aspect swer Objective type question.	5
X ¹⁰	A	Cranial nerves passing through internal acoustic meatus?	U
	В	Which is the only abductor muscle of the vocal cord?	
	С	Which is the dangerous area of scalp?	
	D	Ligament of Berry is formed by?	
	Е	Nerve supply of posterior belly of digastric muscle?	
Q.4	Ans	swer following MCQ's	5
	1	Which of the following muscles separates the orbital and palpebral parts of	
		the lacrimal gland?	
		a. Superior obliqueb. Superior rectusc. Inferior obliqued. Levator palpabrae superioris	
	2	All are the muscles forming boundaries of carotid triangle, Except:	
		a. Posterior belly of diagastric b. Superior belly of omohyoid	
		c. Sternocleidomastoid d. Trapezius	
	3	Action of frontalis muscle a. Smiling b. Whistling c. Fright d. Surprise	
		a. Smiling b. Whistling c. Fright d. Surprise	
	4	Face develops from	
		a. Pair of maxillary process b. Pair of mandibular process	
	5	c.Frontonasal process d. All of above All of the following structures form the boundaries of digastric triangle except	
	5	a. Posterior belly of digastric muscle	
		b. Anterior belly of digastric muscle	
		c. Superior belly of omohyoid muscle	
		d. Base of the mandible	
		5 5	

Q.5	Ans	wer Structured Long Essay (Any 1 out of 2)	10
	А	Describe the muscles of the soft palate in detail & its Applied Aspect	
	В	Describe the Gross features, Arterial supply, venous drainage, nerve	
Q.6	Wri	supply and Applied aspect of Lateral wall of the nose te Short Essay (Any 3 out of 5)	15
	A	Muscles of mastication	
	В	Mention the types of synovial joints with examples	
	С	Cavernous sinus	
	D	Development of tongue	
	E	Histology of Parotid gland	
Q.7	Ans	wer Objective type question.	5
	А	Structures passing through foramen spinosum?	
	В	Where does the frontal sinus open?	
	С	Facial artery is branch of which artery?	
	D	Recurrent laryngeal nerve is a branch of which nerve?	
	Е	What is the lining epithelium of trachea?	
Q.8		wer following MCQ's Parotid duct opens in the vestibule of mouth opposite the crown of	5
	4	a. Upper 2 nd Molar toothb. Upper 1 st Premolar toothc. Lower 2 nd molar toothd. Lower 1 st Premolar tooth	
	2	Name the nerve of second pharyngeal arch a. Mandibular nerve b. Facial nerve	
	3	c. Glossopharangeal nerve d. Vagus nerve The superficial relation of hyoglossus muscle includes all of the	
		following except	
		a. Lingual nerve b. submandibular ganglion	
		c. Lingual artery d. submandibular duct	
	4	Which of the following nerves crosses the duct of the submandibular	
		gland?	
	5	 a. Glossopharyngeal nerve c. Lingual nerve b. Hypoglossal nerve d. Chorda tympani nerve d. Chorda tympani nerve 	

Seat No.: _____

PR No.:_____

SANKALCHAND PATEL UNIVERSITY

•	BDS – (1 st) Year – EXAMINATION – December – 2020 Code: 1DS1010101 Date:21/12/2	2020
-	© Name: General Human Anatomy including Embryology & Histology B Hrs. Total Mar	ks: 70
2. 3.	Use separate answer book for each section.	
	SECTION – A	
Q.1	Write Structured Long Essay (1 out of 2)	10
0.0	 A Describe T-M Joint in detail. Discuss its applied anatomy. B Describe course and branches of the facial nerve & its applied anatomy 	1
Q.2	Write Short Essay (3 out of 5) A Carotid triangle	1.
	B Microscopic anatomy of cardiac muscles	
	C Describe the deep cervical fascia of the neck.	
	D Derivatives of Pharyngeal pouches.	
	E Gross anatomy of stomach.	
Q.3	Answer following short objective questions.	5
	A Define synapse and types.	
	B What is Horner's syndrome?	
	C Mention only stages of meiotic division of cell.D Mention the nerve supply of posterior 1/3 of tongue	
	E Define the Dangerous area of face.	
Q.4	Answer following MCQ's	5
	 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue 	
	D. Pericranuim	
	2 Accumulation of food in the right oral vestibule might indicate paralysis of the:	
	A. Buccinator muscle B. Orbicularis oris muscle	
	C. Risorius muscle D. Levator anguli oris muscle	
	E. Depressor labii inferioris muscle	
	3 Lymphatic vessels are absent in: A. Liver	
	B. Brain	
	C. Lungs	
	D. Uterus	
	4 What type of tissue lines the urinary bladder?	
	A. Simple cuboidal epithelium C. Stratified agroups anithelium D. Transitional agrithelium	1
	C. Stratified squamous epithelium D. Transitional epithelium 5 Which one of the following is an example of elastic cartilage?	
	A. Pinna of ear B. Costal cartilage	
	C. Septal cartilage of nose D. Thyroid cartilage	

Q.5 Write Structured Long Essay 10 (1 out of 2)Describe gross anatomy of nose in detail. Discuss its applied anatomy. Α В Describe relations, nerve supply, histology, & applied anatomy of submandibular gland Write Short Essay (3 out of 5) 15 Q.6 Otic Ganglion. Α B Development of face. С Histology of lung. D Palatine tonsil. E Cerebellum. Answer following short objective questions. 5 0.7 ? Α Which is the safety muscle of the larynx В What are structures embedded in the parotid gland? С Mention the blood supply of nasal septum. Define anastomosis and type. D Ε Give the name of projection fibers in brain. Q.8 Answer following MCQ's 5 The urinary bladder is composed of 1 A. Simple cuboidal epithelium B. Simple columnar epithelium C. Stratified squamous epithelium D. Transitional epithelium Ligaments is an example of 2 A. Loose connective tissue B. Dense irregular connective tissue C. Dense regular connective tissue D. Specialized connective tissue 3 The safety muscles of tongue is : A. Genioglossus B. Hyoglossus C. Styloglossus D. Palatoglossus The vertical wrinkles in forehead done by which muscle 4 A. Procerus B. Corrugator supercilii C. Frontal belly of occipitofrontalis D. Orbicularis oculi In abducted eye elevation of eyeball is done by 5 A. Superior oblique B. Inferior oblique C. Superior rectus D. All of above *******

Seat No.		PR No.: SANKALCHAND PATEL UNIVERSITY BDS - 1 st Year - EXAMINATION - July-Sept 2021 : 1DS1010101 Date:13/09/202	
Subjec	: Name	: General Human Anatomy including Embryology & Histology	
Time: 3		Total Marks	: 70
1 2 3	Use se Attem Draw	parate answer book for each section. pt all questions. diagrams wherever necessary. es to the right indicate marks.	
		SECTION – A	
Q.1		Structured Long Essay (Any 1 out of 2) iscuss anatomy of temperomandibular joint .mention its clinical aspects	10
	B D	escribe facial nerve in detail along with its clinical aspects	
Q.2		Short Essay (Any 3 out of 5) fratemporal fossa	15
	B Sy	ynovial joint	
	C Fa	acial artery	
	D C	avernous sinus	
	E So	oft palate	
Q.3		Objective type short question.	5
		ructure passing through superior orbital fissure	
		ones forming pterion	
		ame branches of external carotid artery	
		ame structure in relation to posterior belly of digastrics muscle ame the branches of maxillary artery	
Q.4		r following MCQ's	5
		ction of risorious a) Grining b). Doubt c.) Anger d.) Dislike xample of pivot joint	
	3 E	a.) knee jointb.) Ankle jointc.) Atlantoaxial joiintd.) Sternoclavicular jointxample of pneumatic bone	
	4 TI	 a.) Maxilla b.) Scapula c.) Sternum d.) Ulna d.) Mylohyoid branch b.) Buccal nerve d.) Posterior alveolar nerve 	
	5 E	c.)Lingual nerved.) Posterior alveolar nervekample of sesamoid bonea.) Patellab.) Scaphoidc.) Radiusd.) Mandible	

- Q.5 Answer Structured Long Essay (Any 1 out of 2)
 - Explain gross anatomy of the parotid gland in detail with clinical А anatomy
 - Describe thyroid anatomy with its clinical anatomy В

Q.6 Write Short Essay (Any 3 out of 5)

Carotid triangle Α

- Development of tounge В
- С Histology of hyline cartilage
- Mandible anatomy D
- Е Bell's paralysis

Q.7 Answer Objective type short question.

> Myelin sheath is formed by which cells Α

- Contents of pterygopalatine fossa В
- Lingual nerve is a branch of which nerve С
- Name the structure develop from 3rd pharyngeal arch D
- E Name the folds of dura mater

Answer following MCQ's 0.8

1 Only medial branch of external carotid artery

- a.) Ascending pharyngeal artery b.) lingual artery d.) Occipital a.
- c.) Facial a.

muscle of tounge are mostly supplied by xii nerve except 2

- a.) Palatoglossus b.) Styloglossus
- c.) Hyoglossus d.) Genioglossus
- Brocas functional speech area is 3
 - a.) Area 44,45 b.) Area 34 c.) All d.) None
- The cartilage of second pharyngeal arch is 4
 - a.) Mickel cartilage b.) Richarts cartilage c.) All d.) None Muscle attached to pterygoid fovea

a.) Medial pterygoid b.) lateral pterygoid

c.) Masseter d.) Temporalis



5



10

5

SANKALCHAND PATEL UNIVERSITY

BDS - 1stYear - EXAMINATION - NOV-DEC 2021

Subject Code: 1DS1010101Date: 06/12/ 2021Subject Name: General Human Anatomy including Embryology & Histology
Time: 3 Hrs.Total Marks: 70

Instructions:

B

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer Structured Long Essay (1 out of 2)
 - A Describe the occulomotor nerve under the following heading:
 - a) Nuclei and functional components
 - b) Course and relations
 - c) Branches
 - d) Applied aspects
 - Describe Temporo-Mandibular Joint under following headings
 - a) Articular Surfaces
 - b) Ligaments
 - c) Relations
 - d) Movements and muscles involved
 - e) Applied anatomy
- Q.2 Answer Short Essay (3 out of 5)
 - A Sternocleidomastoid muscle
 - B Bell's Palsy
 - C Circle of Willis
 - D Otic ganglion
 - E Corpus Collosum
- Q.3 Answer following Objective type /short questions
 - A Muscles of soft palate
 - B Structures opening in Inferior meatus of nose
 - C Branches of External carotid artery
 - D Structures passing through Foramen ovale
 - E Structures attached to the styloid process

15

- 1 The ligament that connects adjacent vertebral laminae is the
 - a) anterior longitudinal
 - b) posterior longitudinal
 - c) flavum
 - d) Ligamentum nuchae
- 2 The posterior belly of the digastric muscle is innervated by a branch of this cranial nerve:
 - a) V
 - b) VII
 - c) IX
 - d) X
- 3 The cricoid cartilage lies at this vertebral level
 - a) C2
 - b) C4
 - c) C6
 - d) C8
- 4 The muscle which protrudes the tongue and its tip toward the opposite side
 - a) hyoglossus
 - b) genioglossus
 - c) palatoglossus
 - d) styoglossus
- 5 A. The fold of dura separating the cerebrum from the cerebellum is the
 - a) falx cerebri
 - b) falx cerebelli
 - c) tentorium cerebelli
 - d) diaphragma sellae

- Q.5 Answer Structured Long Essay (1 out of 2)
 - A Describe the boundaries and contents of Carotid Triangle
 - B Describe the Cavernous Sinus under the following Headings.
 - Location
 - Relations
 - Tributaries
 - Communications
 - Applied anatomy
- Q.6 Answer Short Essay (3 out of 5)
 - A Development of Palate
 - B Blood and Nerve Supply of Nasal Septum
 - C Medial Wall of Middle Ear Cavity
 - D Killian's dehiscence
 - E Internal capsule





10

- Q.7 Answer following Objective type /short questions
 - A Contents of Infratemporal Fossa
 - B Components of Waldeyer's Ring
 - C Structure passing between superior and Middle Constrictor of Pharynx
 - D Cartilages of Larynx
 - E Muscle in tympanic cavity and their nerve supply
- Q.8 Answer following MCQ's
 - 1 In the anterior cranial fossa, the cribriform plate is part of the _____ bone:
 - a. Frontal.
 - b. Maxillary.
 - c. Zygomatic.
 - d. Ethmoidal
 - 2 The internal acoustic meatus is a canal within the _____ bone:
 - a. Occipital.
 - b. Maxillary.
 - c. Temporal.
 - d. Sphenoid.
 - 3 The neck is divided into anterior and posterior triangles using _____ muscle as land mark:
 - a. Trapezius.
 - b. Sternohyoid.
 - c. Scalenus anterior
 - d. Sternocleidomastoid
 - 4 The ______ triangle of the neck lies between the anterior bellies of digastric muscles.
 - a. Occipital.
 - b. Posterior.
 - c. Muscular.
 - d. Submental
 - 5 The preganglionic parasympathetic root of the Pterygopalatine ganglion is the _____ nerve:
 - a. Deep petrosal.
 - b. Lesser occipital.
 - c. Greater petrosal.
 - d. Greater occipital





Date:25/08/2022

SANKALCHAND PATEL UNIVERSITY

BDS - (1st) Year - EXAMINATION, JULY - SEPT- 2022

Subject Code: 1DS1010101

Subject Name: General Human Anatomy including Embryology & HistologyTime: 3 Hrs.Total Marks: 70

Instructions:

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer Structured Long Essay (1 out of 2)
 - A Describe Muscles of Mastication Briefly with applied anatomy.
 - B Describe course and branches of the facial nerve & its applied anatomy.
- Q.2 Answer Short Essay (3 out of 5)
 - A Carotid triangle
 - B Microscopic anatomy of cardiac muscles
 - C Describe the deep cervical fascia of the neck.
 - D Derivatives of Pharyngeal pouches.
 - E Gross anatomy of stomach.

Q.3 Answer following Objective type /short questions

- A Define reflex arc.
- B What is Horner's syndrome?
- C Mention only stages of spemetogenisis.
- D Mention the nerve supply of posterior 1/3 of tongue
- E Define the venous drainage of face.
- Q.4 Answer following MCQ's
 - 1 Collection of blood in which layer of scalp can produce "black eye"
 - a. Dense connective tissue
 - b. Aponeurotic layer
 - c. Loose areolar tissue
 - d. Pericranuim
 - 2 Safety muscle of tongue is...
 - a. Hyoglossus
 - c. Paltoglossus

b. Genioglossusd. Styloglossus



10

15

- 3 Lymphatic vessels are absent in:
 - a. Lungs
 - b. Liver
 - c. Brain
 - d. Uterus
- 4 What type of tissue lines the urinary bladder?
 - a. Transitional epithelium
 - b. Simple columnar epithelium
 - c. Stratified squamous epithelium
 - d. Simple cuboidal epithelium

5 The bones which form the roof of the orbit include

- a. frontal
- b. ethmoid
- c. sphenoid
- d. lacrimal

SECTION – B

Q.5 Answer Structured Long Essay (1 out of 2)

- A Describe gross anatomy of Para-nasal sinuses. Discuss its applied anatomy.
- B Describe relations, nerve supply, histology, & applied anatomy of Thyroid gland.
- Q.6 Answer Short Essay (3 out of 5)
 - A Otic Ganglion.

B Development of face.

- C Histology of lung.
- D Palatine tonsil.
- E Cerebellum.
- Q.7 Answer following Objective type /short questions
 - A Which is the safety muscle of the larynx ?
 - B Which are the blood supply of nose ?
 - C Mention the name of muscles of pharunx.
 - D Define different between capillaries and sinusoids.
 - E Give the name of projection fibers in brain.

15

Q.8 Answer following MCQ's

- 1 The oesophagus is composed of _____
 - a. Simple cuboidal epithelium
 - b. Simple columnar epithelium
 - c. Stratified squamous epithelium
 - d. Transitional epithelium
- 2 Ligaments is an example of
 - a. Loose connective tissue
 - b. Dense irregular connective tissue
 - c. Dense regular connective tissue
 - d. Specialized connective tissue
- 3 The muscle which protrudes the tip of the tongue is
 - a. genioglossus
 - b. hyoglossus
 - c. styloglossus
 - d. palatoglossus
- 4 The intrinsic muscle of the larynx is
 - a. Sternohyoid
 - b. Cricothyroid
 - c. Sternothyroid
 - d. Thyrohyoid
- 5 The muscles which elevates the upper eyelid includes
 - a. Palpebral part of the orbicularis oculi
 - b. Muller's muscle
 - c. Superior rectus
 - d. Levator palpebral superioris





SANKALCHAND PATEL UNIVERSITY

BDS - 1st Year - EXAMINATION - JAN-FEB - 2023 Subject Code: 1DS1010101 Date:01/02/ 2023 Subject Name: General Human Anatomy including Embryology & Histology Time: 3 hours **Total Marks: 70** Instructions: 1. Use separate answer book for each section. 2. Attempt all questions. 3. Draw diagrams wherever necessary. 4. Figures to the right indicate marks. **SECTION – A** Q.1 Answer the following structured long essay question (1 out of 2) (10)A. Gross anatomy and applied anatomy of cavernous sinus B. Temporomandibular joint Q.2 Answer the following short essay questions (3 out of 5) (15)A. Digastric triangle B. Mandibular nerve C. Development of palate D. Histology of compact bone E. Gross anatomy of stomach Q.3 Answer the following objective questions (5)A. What is black eye? B. Name the structures passing through internal acoustic meatus. C. Name the branches of first part of maxillary artery. D. What is carotid sinus ? E. Name the infrahyoid muscles. Q.4 Answer following Multiple choice questions (5) 1 Safety muscle of tongue is... A) Hyoglossus B) Genioglossus C) Paltoglossus D) Styloglossus 2 Nasolacrimal duct opens into... A) Superior meatus B) Middle meatus C) Inferior meatus D) Sphenoethmoidal recess 3 Median atlantoaxial joint is which type of joint ?... A) Pivot B) Saddle D) Hinge C) Ellipsoid 4 Trapezius muscle is supplied by which nerve? A) Hypoglossal B) Glossopharyngeal C) Mandibular D) Spinal accessory 5 Urinary bladder is lined by..... A) Simple squamous epithelium B) Stratified squamous epithelium C) Transitional epithelium D) Simple columnar epithelium [**PTO**]

-	Q.5 Answer the following structured long essay question (1 out of 2)A. Gross anatomy and applied anatomy of maxillary sinus				
	Attachments, nerve supply, actions &	-			
D.	Attachments, herve suppry, actions &	applied anatomy of extraocular muscles	•		
0.6 Ansv	ver the following short essay questions ((3 out of 5)	(15)		
-	Sternocleidomastoid muscle		()		
	Otic ganglion	5			
	Development of tongue				
	Histology of thyroid gland				
	Pyramidal tract				
O.7 Ansv	ver the following objective questions		(5)		
	What is Little's area ?				
B.	What is trigeminal neuralgia?				
C.	Name the different parts of deep cervice	cal fascia.			
D.	Name the structures attached to the sty	loid process.			
E.	Mention the type of cartilage present in	n trachea.			
O.8 Ansv	ver following Multiple choice questions		(5)		
-	Chorda tympani nerve is a branch of w		(-)		
	A) Facial	B) Mandibular			
	C) Vagus	D) Hypoglossal			
2	Which of the following nerve passes the				
	A) Greater petrosal	B) Deep petrosal			
	C) Lesser petrosal	D) Maxillary			
3	Facial artery is usually a branch of	GX			
	A) Internal carotid artery	B) External carotid artery			
	C) Maxillary artery	D) Subclavian artery			
4	Nerve of 3 rd branchial arch is				
	A) Hypoglossal	B) Glossopharyngeal			
	C) Facial	D) Mandibular			
5	Abduction of vocal cord is done by				
	A) Lateral cricoarytenoid	B) Transverse arytenoid			
	C) Oblique arytenoid	D) Posterior cricoarytenoid			
	******	****			





PRN_____

SANKALCHAND PATEL UNIVERSITY

BDS - 1st year - EXAMINATION - May - July 2023

Subject Code: 1DS1010101

Date:01/06/2023

Subject Name: General Human Anatomy including Embryology & Histology **Total Marks: 70**

Time: 3 Hrs.

Instructions:

- 1. Use separate answer book for each section.
- 2. Draw diagrams wherever necessary.
- 3. Figures to the right indicate marks.

SECTION – A

Q.1	Stru	ctured Following Long Essay. (1 out of 2)	10
	А	Origin, Insertion, Nerve Supply and Actions of Extra ocular Muscles.	
	В	Describe Temporomandibular Joint under following headings	
		a) Type & Articular Surfaces	
		b) Capsule & Ligamentsc) Movements & Muscles responsible for movements	
		d) Applied Aspect	
Q.2	Wri	te following Short Essay (3 out of 5)	15
	А	Microscopic structure of Hyaline Cartilage	
	В	Pterygopalatine Ganglion	
	С	Bell's Palsy	
	D	e	
	Ε	Bony formation and Openings in Lateral wall of nasal cavity	
Q.3		wer following Objective type questions.	5
		Branches of External Carotid Artery	
	B C	Nerve supply of laryngeal muscles Dangerous area of face	
		C C	
	D E	Examples of Hinge Joint Types of Epiphysis	
0.4		wer following MCQ's	5
Q.4	Alls	Anterior Belly of Digastric gets innervations from:	5
	11	a) Mandibular Nerve b)Facial Nerve	
		c)Glossopharyngeal Nerve d)Hypoglossal Nerve	
	В	Which of the following nerve is derived from the dorsal primary rami of	
		spinal nerves?	
		a)Great auricular nerve b)Greater occipital nerve	
	C	c)Lesser occipital nerve d)Phrenic nerve	
	С	All of the following are derivatives of deep cervical fascia <u>except:</u> a)Pretracheal fascia b)Prevertebral fascia	
		c)Stylomandibular ligament d)Sphenomandibular ligament	
	D	'Strap' muscles of the neck include all of the following muscles except:	
		a)Sternocleidomastoid b)Sternothyroid c)Sternohyoid d)Thyrohyoid	
	Е	The superficial relation of hyoglossus muscle includes all except:	
	G	a)Lingual nerve b)Lingual artery	
		c)Hypoglossal nerve d)Deep part of sublingual gland	

Q.5		ctured Following Long Essay. (1 out of 2)	10
	A	Boundaries and contents of Carotid Triangle	
	В	Describe the course, branches, distribution and applied anatomy of Mandibular Nerve.	
Q.6	Wri	te following Short Essay (3 out of 5)	15
	А	Submandibular Ganglion	
	В	Styloid Apparatus	
		Circle of Willis	
	D	Microscopic structure of Mixed salivary gland	
	Ε	Cleft palate	
Q.7	Ans	wer following Objective type questions.	5
	А	Dangerous layer of scalp	
	В	Branches of Posterior cord of Brachial Plexus	
	C	Names of Paranasal air sinuses	
	D	Structures passing through internal acoustic meatus	
	E	Anatomical basis of foot drop	
Q.8	Ans	wer following MCQ's	5
	А	The medial one third of the superior nuchal line gives attachment to	
		a) Splenius Capitus	
		b) Trapeziusc) Sternocleidomastoid	
		d) Semispinalis Capitus	
	В	The superficial temporal and maxillary veins join to form:	
	Ľ	a) Posterior auricular vein	
		b) External Jugular vein	
		c) Reteromandibular vein	
		d) Internal Jugular vein	
	С	Investing layer of deep cervical fascia splits to enclose:	
		a) Thyroid Gland	
		b) Hyoid bonec) Arch of Aorta	
		d) Parotid gland	
	D	The postganglion ic secretom otor fibres reach t he parotid gland	
		through the:	
		The Postganglionic secretomotor fibres reach the parotid gland through	
		the:	
		a) Glossopharyngeal nerve	
		b) Greater Petrosal nerve	
		c) Lesser Petrosal nerve	
	Е	d) Auriculotemporal nerve The lateral wall of Infratemporal fossa is formed by:	
	Ľ	a) Lateral Pterygoid Muscle	
		b) Tensor veli palatine muscle	
		c) Ramus of Mandible	
		d) Zygomatic arch	
		Star St	

SANKALCHAND PATEL UNIVERSITY

BDS - 1st Year - EXAMINATION - Sept - Dec 2023

Subject Code: 1DS1010101 Date:03/10/2023 Subject Name: General Human Anatomy including Embryology & Histology **Total Marks: 70** Time: 3 Hrs.

Instructions:

- 1. Use separate answer book for each section.
- 2. Draw diagrams wherever necessary.
- 3. Figures to the right indicate marks.

SECTION – A

- Q.1 Answer following Structured Long Essay question. (1 out of 2)
 - Describe the Temporomandibular joint under the following headings: Α (a) Type of joint (b) Articular surfaces (c) Articular disc (d) Ligaments (e) Movements and the muscles producing them (f) Applied Anatomy
 - Describe Parotid gland under following Headings: (a) Location. Extent В (b) Capsule (c) Contents & relations (d) Nerve supply (e) Applied Anatomy.

Answer following Short Essay questions. (3 out of 5) Q.2

- Nasal septum А
- В Tympanic membrane
- С Nerve Supply of tongue.
- Microscopic structure of cerebellum D
- Е First pharyngeal arch.

0.3 Answer following Objective type/short questions.

- Types of cartilage with one example of each Α
- В Structures passing through foramen ovale
- С **Define Fertilization**
- D Dangerous area of face
- Enumerate the branches of External carotid artery Ε

Answer following MCQ's Q.4

2

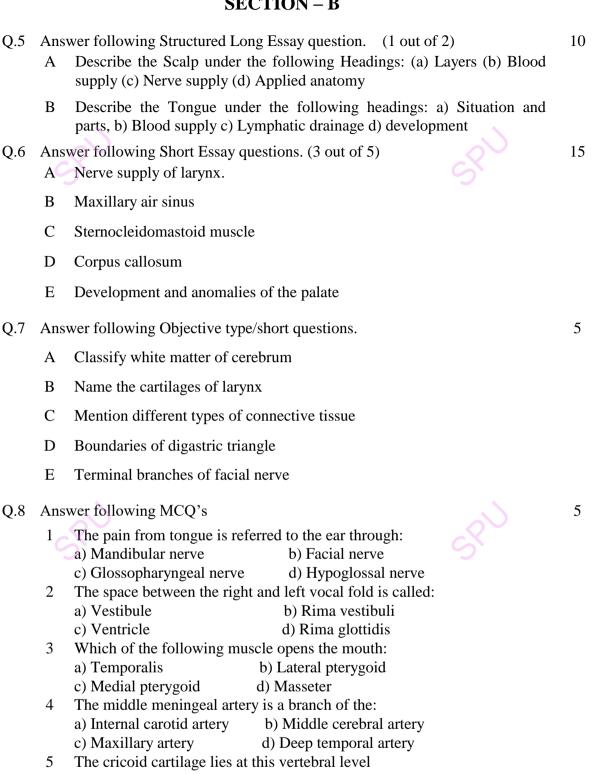
5

- Which layer of scalp is known as the 'dangerous layer? 1 a) Aponeurotic layer b) Skin
 - c) Loose areolar tissue
 - d) Pericranium
 - All of the following are contents of carotid sheath except: a) Internal carotid artery b) External carotid artery
 - c) Vagus nerve d) Internal jugular vein
- All of the following structures are pierced by the parotid duct except: 3 a) Buccal pad of fat b) Buccinator muscle
 - c) Buccopharyngeal fascia d) Pharyngobasilar fascia
- Which of the following nerves crosses the duct of the submandibular 4 gland?
 - a) Glossopharyngeal nerve b) Hypoglossal nerve
 - c) Lingual nerve
- d) Chorda tympani nerve
- The temporomandibular joint is commonly dislocated:
- a) Medially b) Laterally
- c) Anteriorly d) Posteriorly



10

15



a) C2 b) C4 c) C6 d) C8



SANKALCHAND PATEL UNIVERSITY BDS – 1st Year – EXAMINATION – JAN FEB 2024

Subject Code:1DS1010101Date:19/02/2024Subject Name: General Human Anatomy including Embryology & Histology
Time: 3 hoursTotal Marks: 70

Instructions:

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4. Figures to the right indicate marks.

SECTION – A

Q.1	An	swer the following Structured Long Essay question. (Any One)	10
	A	Describe briefly the facial nerve & its applied anatomy.	
	B	Describe the gross and applied anatomy of infra temporal fossa briefly.	
Q.2		swer the following Short Essay questions. (Any Three) Cavernous sinus.	15
	B	Gross anatomy of spleen.	
	С	Derivatives of Pharyngeal arches.	
	D	Posterior triangle	
	Ε	Microscopic anatomy of skeletal muscles	
Q.3	An	swer the following Short questions.	5
		Define neuron and types. Mention only stages of meiotic division of cell. What is Horner's syndrome?	
Q.4	Ch	oose Correct Options from Following Multiple Choice Questions	5
	1 2	Collection of blood in which layer of scalp can produce "black eye"A. Dense connective tissueB. Aponeurotic layerC. Loose areolar tissueD. PericranuimArticular disc of TM joint morphologically represents primitive insertionof muscleA. Medial pterygoidB. Temporalis	
	2	C. Messater D. Lateral pterygoid	
	3	Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus	
	4	What type of tissue lines the bladder?A. Simple cuboidal epitheliumC. Stratified squamous epitheliumD. Transitional epithelium	
	5	Which one of the following is an example of elastic cartilage?A. Pinna of earB. Costal cartilageC. Septal cartilage of noseD. Thyroid cartilage	

Q.5 Answer the following Structured Long Essay question. (Any One)

- Α Describe relations, nerve supply, histology, & applied anatomy of parotid gland
- B Describe Para-nasal air sinuses in detail. Discuss its applied anatomy.

Q.6 Answer the following Short Essay questions. (Any Three)

- Histology of trachea. A
- Development of face. B
- С Internal Capsule of brain.
- Interior of larynx. D
- Submandibularu Ganglion Е

Answer the following Short questions. **O.7**

- Define sinusoid, capillaries and arteriole. Α
- В What is Killen's dehiscence?
- Give the name of tract that form climbing fibers in cerebellum. С
- What is ansa cervicalis? D
- Mention the blood supply of nasal septum. Е

Choose Correct Options from Following Multiple Choice Questions Q.8

- The outer layer of the skin is composed of 1
 - A. Simple cuboidal epithelium B. Simple columnar epithelium C. Stratified squamous epithelium D. Transitional epithelium
- Tendon is an example of 2 A. Loose connective tissue B.Dense irregular connective tissue C. Dense regular connective tissue D.Specialized connective tissue
- The muscle that protrudes the tip of the tongue is : 3
- C. Styloglossus A. Genioglossus B. Hyoglossus **D.** Palatoglossus The facial muscle that produces horizontal wrinkles on the forehead is 4 A. Procerus
 - B. Corrugator supercilii
 - C. Frontal belly of occipitofrontalis D. Orbicularis oculi
- In abducted eye elevation of eyeball is done by 5 A.Inferior oblique B.Superior rectus C. Superior oblique D. All of above

PR No.: Seat No.: Narsinhbhai Patel Dental college & Hospital, Visnagar BDS - 1" Year - EXAMINATION - 1st Internal Examination -2023-24 Subject Name: Gen. Human Anatomy including Embryology and Histology Date: 04/01/2024 **Total Marks: 50** Time: 2 Hrs. 2. Attempt all questions 1. Use separate answer book for each section. Instructions: 4. Figures to the right indicate marks. 3. Draw diagrams wherever necessary. SECTION - A 07 Marks Q.1 Answer Structured Long Essay A) Describe the Scalp under following headings-Layers, Blood supply, Nerve supply and its applied anatomy. 12 Marks Q.2 Write Short Essay (Any 3 out of 5) A) Synovial joints B) Histology of Hyaline cartilage C) Dangerous area of face D) Lacrimal apparatus E) Fertilization 06 Marks Q.3 Answer Following short question. A) Name any four the muscles of facial expression B) Enumerate different types of epithelium C) What is karyotyping D) Enumerate sensory nerve supply of face E) What are seasmoid bones F) Which is the dangerous layer of the scalp? why? **SECTION – B** 07 Marks **O.4** Answer Structured Long Essay A) Describe Posterior triangle of neck under the following headings - Boundaries, Contents, and applied Anatomy Q.5 Write Short Essay (Any 3 out of 5) 12 Marks A) End arteries B) Blood supply of long bone C) Neural crest and its derivatives D) Histology of Cardiac muscle E) Turner syndrome 6 Marks 0.6 Answer following MCQ's 1)The scapula is an example of: b) Short bone a) Long bone d) Pneumatic bone c) Irregular bone 2)The sectional plane that divides the body into anterior and posterior portions is? a) Transverse plane b) Sagittal plane c) Coronal plane d) Oblique plane 3)All are the branches of facial nerve except b)Buccal a) Temporal d) Marginal Mandibular c) Lingual 4) Example of saddle joint is b)Elbow joint a) Shoulder joint d) First carpometacarpal joint c) Radio ulnar joint 5)Dangerous layer of scalp is b) Loose areolar layer a) Periosteum c) Skin d) Aponeurotic layer 6)Nasolacrimal duct opens into a) Middle meatus b) Superior meatus d) Maxillary sinus c) Inferior meatus ******

Scanned with OKEN Scanner

C	ea	11	J	^	•
U	Ca	u		U	••

PKNo.:

	ai Patel Dental college & ar-EXAMINATION-2 nd Interna	
Subject Name: Human Anaton	ar – EXAMINATION – 2 – Interna ny including Embryology and His	stologyDate:22/04/2024 TotalMarks: 50
Time:2Hrs.		1 Otanviar AST CO
Instructions: 1 Useseparateans	swerbookforeachsection.2. Attemptal swherevernecessary. 4. F	liquestions igurestotherightindicatemarks.
	SECTION-A	07 Marks
Q.1 AnswerStructuredLon	gEssay	-Extent and Gross features, Blood
A) Describe the Thyroid	gland under following headings	-Extent and Gross features, Blood
supply, Relations and	its applied anatomy.	12 Marks
Q.2 WriteShort Essay(Any	3 outor 5)	
A) Carotid triangle		
 B) Histology of Stomac 	a	
C) Middle ear cavity		
D) Lateral wall of nose		
E) Development of Face	•	06 Marks
Q.3 AnswerFollowingshor	tquestion.	
A) Name the muscles of	soft palate	
B) Enumerate the Paran	asal sinuses	
on William to Woldovers ti	nσ	
C) what is waldeford	hes of 2^{nd} part of maxillary artery	1
D) Enumerate the orallo	as of laryny	
E) What are the cartilag		
F) Connections of Otic		
	SECTION-B	07 Mark
Q.4 AnswerStructuredLo	ıgEssay	•••
A) Describe Temporom	andibular joint under the following	ng headings – Type
&Formation,Movem	ents, and applied Allatomy	12 Mark
Q.5 WriteShort Essay(Any	y3 outof 5)	
A) Extraocular muscles		
B) Mandibular nerve		
C) Pharyngeal arches		
D) Histology of Lymh	node	
E) Nerve supply of ton	eue	
Q.6 AnswerfollowingMCC)'s	6 Mark
Q.6 Answertonowingiview	2 5	
1)Thymus develops from	b)Seco	nd Pharyngeal pouch
a)First Pharyngeal pouch c) Third Pharyngeal pouch	d)Four	th Pharyngeal pouch
2)Brunners gland is histol	ogical feature of	
a)Jejunum	0)IICuii	
Duadanum	d)Appe	endix
2) All are the branches of 1	first part of Maxillary arteryexcer	pt
a)Deep auricular artery	UALIC	
c) Lingual artery		dle meningeal artery
4)The Depression of Man	dible is done by	11 1 /
a)Lateral pterygoid		dial pterygoid
c)Temporalis	d)Mas	seter
5)The safety muscle of to	ngue is	1
a)Hyoglossus	Ujrala	toglossus
c) Genioglossus	영화 전화 전화 관계 관계 관계 전 것이 있는 것이 같아.	oglossus
6)Nasolacrimal duct open	s into	i montus
a)Middle meatus	b)Supe	erior meatus
c) Inferior meatus	d)Max	cillary sinus

NARSINHBHAI PATEL DENTAL COLLEGE & HOSPITAL, VISNAGAR BDS - 1" Year - Examination - 1" internal Examination -2023 general Human Anatomy

Date: 3 /4 /2023

Time: 2Hrs

Note- 1. Attempt all questions.

2. Use separate answer sheets for each section.

SECTION -A

(7 marks) O.1. Describe blood supply of long bone.

(any 3 out of 5) Q.2. WRITE IN SHORT ESSAY

- 1. Sesamoid Bone
- 2. Anatomical positions
- 3. Symphyseal Joint

4. Describe differences between artery and vein

5. Describe synovial joint with examples

Q.3 WRITE SHORT NOTE

2. Classification of bone

- 1. Types of neuron
- 3. Bipennate muscle
- 5. Layers of scalp with its nerve supply
- 6. Facial nerve palsy in detail

SECTION - B

Q.4. Write in detail about classification of muscles. (7 marks)

Q.5. WRITE IN SHORT ESSAY (any 3 out of 5)

 $(3 \times 4 = 12 \text{ marks})$

- 1. Comparison between bone and cartilage
- 2. Anastomoses

3. End Artery

4. Comparison of sympathetic and parasympathetic nervous system

5. Neurotransmitters

Q.6 SHORT NOTE

1. Parts of muscle

2. Hyaline cartilage

 $(1 \times 6 = 6 \text{ marks})$

Total Marks: 50

 $(3 \times 4 = 12 \text{ marks})$

 $(1 \times 6 = 6 \text{ marks})$

4. White fibro cartilage

3. Neuroglia

5. Law of ossification

	Narsinhbhai Patel Denta BDS-1 st Year- EXAMINATIO	N. ast Internal I	Examination and			, ,
	BDS-1"Year-EXAMINATIC	hand Hi	stology	mater ()	8/06/2023	
	Human Anatomy including Em	bryology and m	stology	TotalMa	rks: 50	
ime:2Hrs.	1.Useseparateanswerbookforeachseet	lion 2 Atte	mptallquestions	Total		
Instructions:	3. Drawdiagramswherevernecessary.		restotherightindic	atemarks.		
			e dinare	<u>w</u>		
•		CTION-A.			07 Marks	
Q.1 Answe	r Structured Long Essay			involve	d in	
A) Desc	cribe the Temporo-Mandibular Join	nt under followir	ng headings-Bor	ies moore	•	
uie j	onus, Ligaments, Relations, wover	nents and its app	lied anatomy.	•	12 Marks	
Q.2 Writes	Short Essay(Any 3 out of 5) urcs of lateral wall of nose					
	od supply of Scalp					
	gerous area of face					
-	astric triangle			•••		
	ernal carotid artery	•		•	06.Marks	· · · · · · · · · · · · · · · · · · ·
•	r Following short question.			•		
	ne the muscles of mastication			. * • .		
	merate the layers of scalp					
• •	at are the boundaries of posterior tr			:		· · ·
-	merate the Structures pierced by p	arotid duct				
	merate the Paranasal sinuses			•		
F) Wh	ich is the dangerous layer of the sca	alp .				
	SF	CTTION D				
	SE	<u>CTİON-B</u>				
A) Des	er Structured Long Essay cribe Thyroid gland under the follo		Structure and Po	osition, Rela	07 Marks ations. Blood	
A) Des sup Q.5 Write	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5)		Structure and Po	osition, Rela		
A) Des sup Q.5 Write	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy		Structure and Po	osition, Rela	ations, Blood	
A) Des sup Q.5 Write A) Fac	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5)		Structure and Po	osition, Rela	ations, Blood	
A) Des sup Q.5 Write A) Fac B) Cor C) Nas	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle ial septum		Structure and Po	osition, Rela	ations, Blood	
A) Des sup Q.5 Write A) Fac B) Cor C) Nas	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle		Structure and Po	osition, Rela	ations, Blood	
A) Des sup Q.5 Write A) Fac B) Con C) Nas D) Stru	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle ial septum		Structure and Po	osition, Rela	ations, Blood 12 Marks	
A) Des sup Q.5 Write A) Fac B) Cor C) Nas D) Stru E) Ans	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle cal septum uctures within the Parotid gland		Structure and Po	osition, Rela	ations, Blood	
A) Des sup Q.5 Write A) Fac B) Cor C) Nas D) Stru E) Ans Q.6 Answe	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle cal septum uctures within the Parotid gland sa cervicalis	owing headings –		osition, Rela	ations, Blood 12 Marks	
A) Des sup Q.5 Write A) Fac B) Con C) Nas D) Stru E) Ans Q.6 Answe I)Structur a) Max	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle cal septum uctures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve	owing headings – S b)Mandil	bular nerve	osition, Rela	ations, Blood 12 Marks	
A) Des sup Q.5 Write A) Fac B) Con C) Nas D) Stru E) Ans Q.6 Answe 1)Structur a) Max c) Faci	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle cal septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve	owing headings – s b)Mandil d) Occule		osition, Rela	ations, Blood 12 Marks	
 A) Dess sup Sup Q.5 Write A) Fac B) Cor C) Nass D) Structur E) Answ Q.6 Answ 1)Structur a) Maxic c) Faci 2)Which 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle sal septum uctures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of	s b)Mandil d) Occule carotid artery?	bular nerve omotor nerve	osition, Rela	ations, Blood 12 Marks	
 A) Dess sup Sup Q.5 Write A) Fac B) Cor C) Nass D) Structur E) Answ Q.6 Answ 1)Structur a) Maxic c) Faci 2)Which a) Ling 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle sal septum uctures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery	s b)Mandil d) Occule carotid artery? b) Facial	bular nerve omotor nerve artery		ations, Blood 12 Marks	
 A) Dess sup Sup Q.5 Write A) Fac B) Cor C) Nass D) Structure C) Maxing C) Faci 2)Which a) Ling c) Maxing c) Maxing 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle sal septum uctures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery	s b)Mandil d) Occule carotid artery? b) Facial d) Poster	bular nerve omotor nerve		ations, Blood 12 Marks	
 A) Dess sup Sup Q.5 Write A) Face B) Corn C) Nass D) Structure D) Structure a) Maxic c) Faci 2) Which a) Ling c) Max 3) All are 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery nents of carotid triangle al septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External c ual artery illary artery the branches of facial nerve exception	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t	bular nerve omotor nerve artery ior auricular arte		ations, Blood 12 Marks	
 A) Dess sup Sup Q.5 Write A) Fac B) Cor C) Nass D) Structur a) Maxing c) Faci 2) Which a) Ling c) Max 3) All are a) Tem 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle al septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal	bular nerve omotor nerve artery ior auricular arte		ations, Blood 12 Marks	
 A) Dess sup Sup Q.5 Write A) Fac B) Cor C) Nass D) Structure a) Maxing c) Faci 2) Which a) Ling c) Max 3) All are a) Term c) Ling 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle al septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral ual	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi	bular nerve omotor nerve artery ior auricular arte		ations, Blood 12 Marks	
 A) Dess sup Sup Q.5 Write A) Fac B) Cor C) Nass D) Structur a) Maxic c) Faci 2)Which a) Ling c) Max 3)All are a) Tem c) Ling 4) Depress 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle al septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi	bular nerve omotor nerve artery ior auricular arte nal Mandibular		ations, Blood 12 Marks	
 A) Dess sup Q.5 Write A) Fac B) Cor C) Nass D) Stru E) Ans Q.6 Answe 1)Structur a) Max c) Faci 2)Which a) Ling c) Max 3)All are a) Tem c) Ling 4) Depress a) Med c) Late 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ments of carotid triangle cal septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral ual sor of Temporomandibular joint is ial Pterygoid ral Pterygoid	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi s b) Masse d) Temp	bular nerve omotor nerve artery ior auricular arte nal Mandibular eter		ations, Blood 12 Marks	
 A) Dess sup Q.5 Write A) Fac B) Cor C) Nass D) Structur a) Maxic c) Faci 2)Which a) Ling c) Max 3)All are a) Term c) Ling 4) Depress a) Med c) Later 5)Parotid 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery intents of carotid triangle cal septum inctures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral ual esor of Temporomandibular joint is ial Pterygoid duct opens in oral cavity opposite	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi s b) Masse d) Temp the crown of	bular nerve omotor nerve artery ior auricular arte nal Mandibular eter oralis		ations, Blood 12 Marks	
 A) Desselve Sup Q.5 Write A) Face B) Core C) Nasselve D) Structure a) Maxelve c) Facie 2) Which a) Ling c) Maxelve 3) All are a) Term c) Ling 4) Depressent a) Med c) Late 5) Parotidition a) Upper 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery ntents of carotid triangle sal septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral ual soor of Temporomandibular joint is ial Pterygoid duct opens in oral cavity opposite er first molar	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi s b) Masse d) Temp the crown of b) Upper	bular nerve omotor nerve artery ior auricular arte nal Mandibular eter oralis r third molar		ations, Blood 12 Marks	
 A) Desselve Sup Q.5 Write A) Face B) Core C) Nasselve D) Structure a) Maxelve c) Facie 2) Which a) Ling c) Maxelve 3) All are a) Term c) Ling 4) Depressent a) Med c) Late 5) Parotidia a) Uppone c) Low 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neets of carotid triangle sal septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral ual soor of Temporomandibular joint is ial Pterygoid duct opens in oral cavity opposite er first molar er second molar	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi s b) Masse d) Temp the crown of b) Upper d)Upper	bular nerve omotor nerve artery ior auricular arte nal Mandibular eter oralis		ations, Blood 12 Marks	
 A) Desselver Sup Q.5 Write A) Face B) Condition C) Nasselver D) Structure a) Maxing c) Facing 2) Which a) Ling c) Max 3) All are a) Terming c) Ling 4) Depresselver a) Meding c) Later 5) Parotididididia a) Uppuno c) Low 6) Tempo 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle cal septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral ual esor of Temporomandibular joint is ial Pterygoid duct opens in oral cavity opposite er first molar er second molar romandibular joint is most commo	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi s b) Masse d) Temp the crown of b) Upper d)Upper nly dislocated	bular nerve omotor nerve artery ior auricular arte nal Mandibular eter oralis r third molar second molar		ations, Blood 12 Marks	
 A) Desselve Sup Q.5 Write A) Face B) Core C) Nasselve D) Structure a) Maxelve c) Facie 2) Which a) Ling c) Maxelve 3) All are a) Term c) Ling 4) Depressent a) Med c) Late 5) Parotidia a) Uppone c) Low 	er Structured Long Essay cribe Thyroid gland under the follo ply, and its applied Anatomy Short Essay(Any 3 out of 5) ial artery neents of carotid triangle cal septum actures within the Parotid gland sa cervicalis er following MCQ's re passing through foramen ovale is illary nerve al nerve is the terminal branch of External of ual artery illary artery the branches of facial nerve except poral ual sor of Temporomandibular joint is ial Pterygoid duct opens in oral cavity opposite er first molar er second molar romandibular joint is most commo riorly	s b)Mandil d) Occule carotid artery? b) Facial d) Poster t b)Buccal d) Margi s b) Masse d) Temp the crown of b) Upper d)Upper	bular nerve omotor nerve artery ior auricular arte nal Mandibular eter oralis r third molar second molar riorly		ations, Blood 12 Marks	

ċ

1 N.

PRN Narsinhbhai Patel Dental college & Hospital, Visnagar BDS - 1st Year - EXAMINATION - Preliminary -2023 Subject Name: General Human Anatomy Including Embryology and Histology Date:04/09/2023 Time: 3 Hrs. Total Marks: 70 Instructions: a. Use separate answer book for each section. b. Attempt all questions. c. Draw diagrams wherever necessary. d. Figures to the right indicate marks SECTION - A 1X10=10 Q.1 Answer Structured Long Essay (Any 1 out of 2) A) Describe Parotid Gland under following headings: a) Borders and Surfaces b) Relations c) Nerve Supply d) Applied Aspect B) Describe Scalp under following Headings: a) Layers b) Blood Supply c) Nerve Supply d) Applied Aspect Q.2 Write Short Essay (Any 3 out of 5) 3X5=15 A) Dangerous Area of Face B) First Pharyngeal Arch C) Pterygopalatine Ganglion D) Microscopic Structure of Oesophagus E) Microscopic Structure of Trachea Q.3 Answer Following short question. 1X5=5 Branches of External Carotid Artery A) B) Nerve Supply of Digastric Muscle C) Name of Muscles of Mastication Nerve Supply of Muscles of Soft Palate D) E) Sternocleidomastoid Muscle Action and Nerve supply Q.4 Answer following MCQ's 1X5=5 The Skin over the angle of Mandible is supplied by: 1) a) Marginal Mandibular Branch of Facial b) Buccal Branch of Mandibular Nerve Nerve c) Great Auricular Branch of Cervical Plexus d) Auriculotemporal Branch of Mandibular Nerve All the following Nerves Traverses the Carotid Triangle EXCEPT: 2) b) Vagus a) Glossopharyngeal d) Spinal Part of Accessory c) Hypoglossal Which of the following is NOT a branch of External Carotid Artery 3) a) Superior Thyroid Artery b) Maxillary Artery d) Inferior Thyroid Artery c) Ascending Pharyngeal Artery The Muscle responsible for the depression of Mandible (Opening of Mouth) is: 4) b) Temporalis a) Masseter d) Lateral Pterygoid c) Medial Pterygoid Taste sensations from the Anterior 2/3rd part of tongue is carried by: 5) b) Glossopharyngeal a) Chorda Tympani d) Lingual c) Hypoglossal

1

🔘 🐌 Scanned with OKEN Scanner

O

SANKALCHAND PATEL UNIVERSITY

BDS - 1" Year - EXAMINATION - Sept - Dec 2023

PRN

Date:03/10/2023 Subject Code: 1DS1010101 Subject Name: General Human Anatomy including Embryology & Histology Total Marks: 70 Time: 3 Hrs.

Instructions:

1. Use separate answer book for each section.

- 2. Draw diagrams wherever necessary.
- 3. Figures to the right indicate marks.

SECTION - A

Q.1 Answer following Structured Long Essay question. (1 out of 2)

- Describe the Temporomandibular joint under the following headings: А (a) Type of joint (b) Articular surfaces (c) Articular disc (d) Ligaments (e) Movements and the muscles producing them (f) Applied Anatomy
- Describe Parotid gland under following Headings: (a) Location. Extent В (b) Capsule (c) Contents & relations (d) Nerve supply (e) Applied Anatomy.
- Q.2 Answer following Short Essay questions. (3 out of 5)
 - Nasal septum Α
 - В Tympanic membrane
 - Nerve Supply of tongue. С
 - Microscopic structure of cerebellum D
 - First pharyngeal arch. Ε

Q.3 Answer following Objective type/short questions.

- Types of cartilage with one example of each
- Structures passing through foramen ovale
- С **Define Fertilization**
 - Dangerous area of face D
 - Enumerate the branches of External carotid artery E

0.4 Answer following MCQ's

c) Vagus nerve

- Which layer of scalp is known as the 'dangerous layer? 1
 - b) Skin a) Aponeurotic layer
 - d) Pericranium c) Loose areolar tissue
- All of the following are contents of carotid sheath except: 2
 - b) External carotid artery a) Internal carotid artery
 - d) Internal jugular vein
- All of the following structures are pierced by the parotid duct except: 3 b) Buccinator muscle
 - a) Buccal pad of fat
 - d) Pharyngobasilar fascia c) Buccopharyngeal fascia
- Which of the following nerves crosses the duct of the submandibular gland? b) Hypoglossal nerve
 - a) Glossopharyngeal nerve

c) Lingual nerve

c) Anteriorly

- d) Chorda tympani nerve
- The temporomandibular joint is commonly dislocated
- a) Medially
- b) Laterally d) Posteriorly
 - 1 9 OCT 2023



5

5

1

Scanned with OKEN Scanner

22.801

15

SECTION - B

15

5

5

2-8071A

Serred La

- Q.5 Answer following Structured Long Essay question. (1 out of 2) Describe the Scalp under the following Headings: (a) Layers (b) Blood A
 - supply (c) Nerve supply (d) Applied anatomy
 - Describe the Tongue under the following headings: a) Situation and B SPU-BOT parts, b) Blood supply c) Lymphatic drainage d) development

Q.6 Answer following Short Essay questions. (3 out of 5)

- Maxillary air sinus
- Sternocleidomastoid muscle С

Nerve supply of larynx.

- Corpus callosum D
- Development and anomalies of the palate E
- Q.7 Answer following Objective type/short questions.
 - Classify white matter of cerebrum Α
 - Name the cartilages of larynx В
 - Mention different types of connective tissue С
 - Boundaries of digastric triangle D
 - Terminal branches of facial nerve E
- Q.8 Answer following MCQ's

, PU-801

- The pain from tongue is referred to the ear through: 1
- b) Facial nerve a) Mandibular nerve
 - d) Hypoglossal nerve c) Glossopharyngeal nerve
- The space between the right and left vocal fold is called.
 - b) Rima vestibuli a) Vestibule
 - d) Rima glottidis c) Ventricle
- Which of the following muscle opens the mouth: 3 b) Lateral pterygoid a) Temporalis d) Masseter
 - c) Medial pterygoid The middle meningeal artery is a branch of the:
- 4 b) Middle cerebral artery a) Internal carotid artery d) Deep temporal artery c) Maxillary artery The cricoid cartilage lies at this vertebral level
- 5 c) C6 d) C8 b) C4 a) C2



PR	No.:

SANKALCHAND PATEL UNIVERSITY

BDS – 1 st Year – EXAMIN	ATION – JAN FEB 2024
Subject Code:1DS1010101	Date:19/02/2024
Subject Name: General Human Anaton	iv including Embryology & Histology
Time: 3 hours	Total Marks: 70
Instructions:	N CV

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4. Figures to the right indicate marks.

SECTION – A

10 Q.1 Answer the following Structured Long Essay question. (Any One) Describe briefly the facial nerve & its applied anatomy. A Describe the gross and applied anatomy of infra temporal fossa briefly. B 15 Q.2 Answer the following Short Essay questions. (Any Three) Cavernous sinus. Α B Gross anatomy of spleen. Derivatives of Pharyngeal arches. С D Posterior triangle Microscopic anatomy of skeletal muscles Е 5 Q.3 Answer the following Short questions. A Mention the nerve supply of anterior 2/3 of tongue B Define neuron and types. С Mention only stages of meiotic division of cell. What is Horner's syndrome? D Define the Dangerous area of face. E **Choose Correct Options from Following Multiple Choice Questions** 5 Q.4 Collection of blood in which layer of scalp can produce "black eye" 1 A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim Articular disc of TM joint morphologically represents primitive insertion 2 of ----- muscle A. Medial pterygoid **B.** Temporalis C. Messater D. Lateral pterygoid Lymphatic vessels are absent in: 3 A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the bladder? A. Simple cuboidal epithelium B. Simple columnar epithelium C. Stratified squamous epithelium D. Transitional epithelium

- Which one of the following is an example of elastic cartilage? A. Pinna of ear B. Costal cartilage
 - C. Septal cartilage of nose D. Thyroid cartilage

SECTION - B

Q.5 Answer the following Structured Long Essay question. (Any One)

- Describe relations, nerve supply, histology, & applied anatomy of parotid A gland
- Describe Para-nasal air sinuses in detail. Discuss its applied anatomy, B

Q.6 Answer the following Short Essay questions. (Any Three)

Histology of trachea. A

- Development of face. B
- Internal Capsule of brain. С
- Interior of larynx. D
- Submandibularu Ganglion E

Q.7 Answer the following Short questions.

- Define sinusoid, capillaries and arteriole. A
- What is Killen's dehiscence? B
- Give the name of tract that form climbing fibers in cerebellum. С
- D What is ansa cervicalis?

Ŧ

E Mention the blood supply of nasal septum.

Q.8 Choose Correct Options from Following Multiple Choice Questions

- The outer layer of the skin is composed of
 - A. Simple cuboidal epithelium B. Simple columnar epithelium C. Stratified squamous epithelium D. Transitional epithelium
- 2 Tendon is an example of
 - A. Loose connective tissue B.Dense irregular connective tissue C. Dense regular connective tissue D.Specialized connective tissue
- 3 The muscle that protrudes the tip of the tongue is :
 - A. Genioglossus B. Hyoglossus C. Styloglossus D. Palatoglossus
- 4 The facial muscle that produces horizontal wrinkles on the forehead is A. Procerus B. Corrugator supercilii
 - C. Frontal belly of occipitofrontalis D. Orbicularis oculi

In abducted eye elevation of eyeball is done by 5 A.Inferior oblique B.Superior rectus C. Superior oblique D. All of above 10



Scat No .:

SANKALCHAND PATEL UNIVERSITY

BDS - (1") Year - EXAMINATION, JULY - SEPT- 2022

PR No.:

10

15

5

5

Date:25/08/2022 Subject Code: 1DS1010101 Subject Name: General Human Anatomy including Embryology & Histology Total Marks: 70 **`Time: 3 Hrs.**

Instructions:

0

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4. Figures to the right indicate marks.

SECTION – A

Q.1 Answer Structured Long Essay (1 out of 2)

Describe Muscles of Mastication Briefly with applied anatomy. А

- Describe course and branches of the facial nerve & its applied anatomy. В
- Q.2 Answer Short Essay (3 out of 5)
 - A Carotid triangle
 - Microscopic anatomy of cardiac muscles В
 - Describe the deep cervical fascia of the neck. С
 - Derivatives of Pharyngeal pouches. D
 - E Gross anatomy of stomach.

Q.3 Answer following Objective type /short questions

- Define reflex arc. A
- What is Horner's syndrome? В
- Mention only stages of spemetogenisis. С
- Mention the nerve supply of posterior 1/3 of tongue D
- Define the venous drainage of face. Е
- Q.4 Answer following MCQ's
 - Collection of blood in which layer of scalp can produce "black eye" 1
 - a. Dense connective tissue
 - b. Aponeurotic layer
 - c. Loose areolar tissue
 - d. Pericranuim
 - Safety muscle of tongue is... 2
 - a. Hyoglossus
 - c. Paltoglossus
- b. Genioglossus d. Styloglossus

- Lymphatic vessels are absent in: 3
 - a. Lungs
 - b. Liver
 - c. Brain
 - d. Uterus
- 4 What type of tissue lines the urinary bladder?
 - a. Transitional epithelium
 - b. Simple columnar epithelium
 - c. Stratified squamous epithelium
 - d. Simple cuboidal epithelium
- The bones which form the roof of the orbit include
 - a. frontal
 - b. ethmoid
 - c. sphenoid
 - d. lacrimal

SECTION – B

Q.5 Answer Structured Long Essay (1 out of 2)

- A Describe gross anatomy of Para-nasal sinuses. Discuss its applied B
- Describe relations, nerve supply, histology, & applied anatomy of Q.6 Answer Short Essay (3 out of 5) 5PU-5856
 - - Otic Ganglion. Α

Development of face. B

- С Histology of lung.
- D Palatine tonsil.
- E Cerebellum.

Q.7

J.585

- Answer following Objective type /short questions
- Which is the safety muscle of the larynx ? B
- Which are the blood supply of nose? С
- Mention the name of muscles of pharunx. D
- Define different between capillaries and sinusoids. E
 - Give the name of projection fibers in brain.

1-58560

J-58560

10

١

15

Answer following MCQ's Q.8

- The oesophagus is composed of _ 1
 - a. Simple cuboidal epithelium
 - b. Simple columnar epithelium
 - c. Stratified squamous epithelium
 - d. Transitional epithelium
 - Ligaments is an example of 2
 - a. Loose connective tissue
 - b. Dense irregular connective tissue
 - c. Dense regular connective tissue
 - d. Specialized connective tissue
 - The muscle which protrudes the tip of the tongue is 3
 - a. genioglossus
 - b. hyoglossus

1

1

1

1

- c. styloglossus
- d. palatoglossus
- The intrinsic muscle of the larynx is 4
 - a. Sternohyoid
 - b. Cricothyroid
 - c. Sternothyroid
 - d. Thyrohyoid
- The muscles which elevates the upper eyelid includes 5 5115856

- a. Palpebral part of the orbicularis oculi
- b. (Muller's muscle
- c. Superior rectus

PU-5856

d. Levator palpebral superioris



5

R11-58560

Subject Name: ANATOMY	AMINATION NOV- Preliminary -2022 Date	: 22/12/
	Total Mark	s: 70
Time: 3 Hrs.		and the second second second second
Instructions: Use separate answer book for each se Draw diagrams wherever necessary.	ction. Attempt all questions. Figures to the right indicate marks.	
S	ECTION – A	4 1
	Any 1 out of 2)	
A Describe Thyroid gland in detail w B Describe location and functional and	natomy of para nasal sinuses.	े।
Q.2 Write Short Essay (Any 3 out of 5)	and the second	
A Sternocleidomastoid B Placenta		
C Killian's dehiscence		
D Noto cord E Carotid triangle		
Q.3 Answer Following short question.		
A Principal artery of tonsil		
B Cardiac muscle C Key muscle of the infratemporal fossa		
D Saddle joint		
E Microanatomy of Artery		5 Marks
Q.4 Answer following MCQ's 1) Which of the Parasympathsatic ganglia of		
A) Submandibular	B) Pterygopalatine	
C) Otic	D) Cilliary	
2) Supraorbital artery is a branch of:		
A) Maxillary	B) External carotid	
C) Ophthalmic	D) Internal carotid	
3) Arachnoid villi drain into which of the fo	ollowing sinus?	
A) Transverse	B) Superior sagittal	
C) Staright	D) Sigmoid	
4) The first permanent tooth to erupt is :		
A) First molar	B) First premolar	
C) Second molar	D) Canine	
5) Derivatives of all the germ layers; ectode	erm, mesoderm and endoderm are present:	
A) Heart	B) Tympanic membrain	
C) Cornia	D Uracus	



Scat No.:

<u> </u>		ECTION – B	10
Q.5	Answer Structured Long Essay (An A Describe Parotid gland in detail. B Describe occulomotor nerve in detail.	ny 1 out of 2) ail.	15
Q.6	Write Short Essay (Any 3 out of 5) A Bell's palsy B Microanatomy of Duodenum C Muscles of mastication D Hyaline cartilage		15
Q.7	 E Synovial joint Answer Following short question. A Contents of Submental triangle B Name the Structures forming tonsil C Name the infrahyoid muscles D Describe the types of epiphysis 		5
Q.8	E Branches of External carotid artery Answer following MCQ's The joint between tooth and gum is :		5
•	A) Syndesmosis	B) Gomphosis	
	C) Sutures	D) Primary cartilaginous joint	
2) Nerve spinosus is a branch of :		
2	A) Maxillary nerve	B) Mandibular nerve	
	C) Ophthalmic nerve	D) 2 nd cervical nerve	
3) Which of the following muscles is used	l for opening of mouth?	
	A) Medial pterygoid	B) Temporalis	
	C) Lateral pterygoid	D) Masseter	
4) Hyoid bone develops from:		
	A) 1 st and 2 nd arches	B) 2 nd and 3 rd arches	
	C) 3 rd ana 4 th arches	D) 1^{st} , 2^{nd} and 3^{rd} arches	
5) Which of the following is not a infrah	yoid muscle?	
	A) Sternohyoid	B) Sternothyroid	
	C) Thyrohyoid	D) Omohyoid- inferior belly	
	an an ar an	****	

2

O Scanned with OKEN Scanner

Seat No.:

PR	No.:	_
1 1 1	1.011	-

RUBATÓ

SANKALCHAND PATEL UNIVERSITY

BDS - 1"Year - EXAMINATION - NOV-DEC 2021 Date: 06/12/ 2021

Subject Code: 1DS1010101

Subject Name: General Human Anatomy including Embryology & Histology

Total Marks: 70

Time: 3 Hrs. Instructions:

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4.) Figures to the right indicate marks.

SECTION – A

Q.1 Answer Structured Long Essay (1 out of 2)

10

15

5

- Describe the occulomotor nerve under the following heading: A
 - a) Nuclei and functional components
 - b) Course and relations
 - c) Branches
 - d) Applied aspects
- Describe Temporo-Mandibular Joint under following headings В
 - a) Articular Surfaces
 - b) Ligaments
 - c) Relations
 - d) Movements and muscles involved
 - e) Applied anatomy
- Q.2 Answer Short Essay (3 out of 5)

Sternocleidomastoid muscle

B Bell's Palsy

A

- Circle of Willis С
- Otic ganglion D
- Corpus Collosum E

Answer following Objective type /short questions Q.3

- Muscles of soft palate Α
- Structures opening in Inferior meatus of nose В
- Branches of External carotid artery С
- Structures passing through Foramen ovale D
- Structures attached to the styloid process E



- Q.4 Answer following MCQ's
 - The ligament that connects adjacent vertebral laminae is the 1
 - a) anterior longitudinal
 - b) posterior longitudinal
 - c) flavum
 - d) Ligamentum nuchae
 - The posterior belly of the digastric muscle is innervated by a branch of -PU-SAT 2 this cranial nerve:
 - a) V
 - b) VII
 - c) IX
 - d) X
 - The cricoid cartilage lies at this vertebral level
 - a) C2
 - b) C4
 - c) C6
 - d) C8

5

В

- The muscle which protrudes the tongue and its tip toward the opposite 4 side
 - a) hyoglossus
 - b) genioglossus
 - c) palatoglossus
 - d) styoglossus
 - A. The fold of dura separating the cerebrum from the cerebellum is the

SPU-3ATOT

J-3410

10

15

- a) falx cerebri
- b) falx cerebelli
- c) tentorium cerebelli
- d) diaphragma sellae

SECTION – B

Answer Structured Long Essay (1 out of 2) Q.5

- Describe the boundaries and contents of Carotid Triangle Α
 - Describe the Cavernous Sinus under the following Headings.
 - Location
 - Relations
 - Tributaries
 - Communications
 - Applied anatomy
- Q.6 Answer Short Essay (3 out of 5)
 - Development of Palate A
 - Blood and Nerve Supply of Nasal Septum B
 - Medial Wall of Middle Ear Cavity С
 - Killian's dehiscence D
 - Internal capsule E

2

Scanned with OKEN Scanner

y

S

- Q.7 Answer following Objective type /short questions
 - Contents of Infratemporal Fossa ٨
 - Components of Waldeyer's Ring B
 - Structure passing between superior and Middle Constrictor of Pharynx С

5

5

NBAIN

3

Scanned with OKEN Scanner

- Cartilages of Larynx D
- Muscle in tympanic cavity and their nerve supply Е
- Q.8 Answer following MCQ's

S

(2)

- bone: In the anterior cranial fossa, the cribriform plate is part of the _____ 0
 - a. Frontal.
 - Maxillary. b.
 - Zygomatic. c.
 - d. Ethmoidal
 - The internal acoustic meatus is a canal within the _____ bone:
- 2 Occipital. a.
 - Maxillary. b.
 - Temporal. c.
 - Sphenoid. d.
- The neck is divided into anterior and posterior triangles using _____ 3 muscle as land mark:
 - Trapezius. a.
 - Sternohyoid. b.
 - Scalenus anterior c.
 - d. Sternocleidomastoid
- The ______ triangle of the neck lies between the anterior bellies of
- 4 digastric muscles.
 - a. Occipital.
 - b. Posterior.
 - Muscular. c.
 - d. Submental
- The preganglionic parasympathetic root of the Pterygopalatine ganglion 5 is the nerve:

- Deep petrosal. a.
- b. Lesser occipital.
- Greater petrosal. c.
- Greater occipital d.

1-3470

Seat No.: _

SANKALCHAND PATEL UNIVERSITY

PR No.:_

Date:13/09/2021

10

15

5

5

BDS - 1st Year - EXAMINATION - July-Sept.- 2021

	Sub	ject	Code:	1DS1010101
--	-----	------	-------	------------

Subject Name: General Human Anatomy including Embryology & Histology

Time: 3 Hrs.		Total Marks: 70
and the second	A REAL PROPERTY AND A REAL	

Instructions:

A

- 1. Use separate answer book for each section.
- 2. Attempt all questions.
- 3. Draw diagrams wherever necessary.
- 4. Figures to the right indicate marks.

SECTION – A

Q.1 Answer Structured Long Essay (Any 1 out of 2)

Discuss anatomy of temperomandibular joint .mention its clinical aspects

В Describe facial nerve in detail along with its clinical aspects

Q.2 Write Short Essay (Any 3 out of 5)

- Α Infratemporal fossa
- В Synovial joint
- С Facial artery
- D Cavernous sinus
- E Soft palate

Q.3 Answer Objective type short question.

Structure passing through superior orbital fissure Α

В Bones forming pterion

Name branches of external carotid artery С

Name structure in relation to posterior belly of digastrics muscle D

- E Name the branches of maxillary artery
- Q.4 Answer following MCQ's

- Action of risorious 1
 - d.) Dislike a) Grining b). Doubt c.) Anger
- Example of pivot joint 2 a.) knee joint
 - b.) Ankle joint
 - c.) Atlantoaxial joiint d.) Sternoclavicular joint
- Example of pneumatic bone 3
 - a.) Maxilla b.) Scapula c.) Sternum d.) Ulna
- The only motor branch from the posterior branch of mandibular nerve is-4
 - a.) Mylohyoid branch b.) Buccal nerve
 - d.) Posterior alveolar nerve c.)Lingual nerve
- 5 Example of sesamoid bone
 - d.) Mandible a.) Patella b.) Scaphoid c.) Radius



SANKALCHAND PATEL UNIVERSITY BDS - (1°) Year - EXAMINATION - December - 2020 Date: 221/12/2027 Subject Code: 10510101 Subject Code: 10510101 Subject Code: 10510101 Total Muman Anatomy including Embryology & Histology Time: 3 Hrs. Total Murica: Time: 3 Hrs. Total Questions: 1. Use separate answer book for each section. 2. Attempt all questions: 3. Draw diagrams wherever necessary. 4. Figures to the right indicate marks: SECTION - A 4. Describe course and branches of the facial nerve & its applied anatomy B Describe course and branches of the facial nerve & its applied anatomy C Secribe the deep cervical fascia of the neck. Describe course and branches of the facial nerve & its applied anatomy C Const anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention the nerve supply of posterior 1/3 of tongue Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Buccinator muscle B. Aponeurotic layer C. Loose areolar tissue D. Pericramuin A caucination muscle Degressor labii inferioris muscle D. Degressor labii inferioris muscle D. Degressor labii inferioris muscle Degressor labii inferioris muscle D. Degressor labii inferioris muscle Degressor labii inferioris	BDS - (1 st) Year - EAA/MATTER Date:21/1 Subject Code: 1DS1010101 Subject Name: General Human Anatomy including Embryology & Histology Time: 3 Hrs. Instructions: 1. Use separate answer book for each section. 2. Attempt all questions. 3. Draw diagrams wherever necessary.	
Subject Name: General Human Anatomy including clearly of the Total Marks. Total Marks. Instructions: 1. Use separate answer book for each section. 2. Attempt all questions. 3. Draw diagrams wherever necessary. 4. Figures to the right indicate marks. SECTION – A Q.1 Write Structured Long Essay (1 out of 2) A Describe T-M Joint in detail. Discuss its applied anatomy. B Describe course and branches of the facial nerve & its applied anatomy Q.2 Write Short Essay (3 out of 5) A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuin <	Subject Name: General Human Anatomy Including Line, yoo Total N Time: 3 Hrs. Instructions: 1. Use separate answer book for each section. 2. Attempt all questions. 3. Draw diagrams wherever necessary.	Marks:
Instructions: 1. Use separate answer book for each section. 2. Attempt all questions. 3. Draw diagrams wherever necessary. 4. Figures to the right indicate marks. SECTION – A Q.1 Write Structured Long Essay (1 out of 2) A Describe course and branches of the facial nerve & its applied anatomy. B Describe course and branches of the facial nerve & its applied anatomy Q.2 Write Short Essay (3 out of 5) A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim A Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle E. Depressor labii inferioris muscle E. Depressor labii inferioris muscle E. Depressor labii inferioris muscle C. Kisorius muscle D. Levator anguli oris muscle Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium B. Costal cartilage? C Applications of sevents and space. C Applications of sevents entry and space of the following is an example of elastic cartilage? C Prima of ear	Instructions: 1. Use separate answer book for each section. 2. Attempt all questions. 3. Drew diagrams wherever necessary.	
 Use separate answer book for each section. Attempt all questions. Draw diagrams wherever necessary. Figures to the right indicate marks. SECTION – A Q.1 Write Structured Long Essay (1 out of 2) A Describe T-M Joint in detail. Discuss its applied anatomy. B Describe course and branches of the facial nerve & its applied anatomy Q.2 Write Short Essay (3 out of 5) A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuin 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle B. Orbicularis oris muscle C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium D. Transitional epithelium C. Stratified squamous epithelium D. Transitional epithelium What or of the following is an example of clastic cartilage? 	 Use separate answer book for each section. Attempt all questions. Draw diagrams wherever necessary. 	
 Q.1 Write Structured Long Essay (1 out of 2) A Describe T-M Joint in detail. Discuss its applied anatomy. B Describe course and branches of the facial nerve & its applied anatomy Q.2 Write Short Essay (3 out of 5) A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle B. Orbicularis oris muscle C. Liongs are absent in: A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple columnar epithelium C. Stratified squamous epithelium D. Transitional epithelium S. Which one of the following is an example of elastic cartilage? A. Pinna of ear B. Costal cartilage 	4. Figures to the right indicate marks	
 Q.1 Write Structured Long Essay (1 out of 2) A Describe T-M Joint in detail. Discuss its applied anatomy. B Describe course and branches of the facial nerve & its applied anatomy Q.2 Write Short Essay (3 out of 5) A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle B. Orbicularis oris muscle C. Liongs are absent in: A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple columnar epithelium C. Stratified squamous epithelium D. Transitional epithelium S. Which one of the following is an example of elastic cartilage? A. Pinna of ear B. Costal cartilage 	SECTION – A	
 A Describe T-M Joint in detail. Discuss its applied anatomy. B Describe course and branches of the facial nerve & its applied anatomy Q.2 Write Short Essay (3 out of 5) A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle B. Orbicularis oris muscle C. Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium Mich one of the following is an example of clastic cartilage? A. Pinna of ear B. Costal cartilage 	O 1 Write Structured Long Essay (1 out of 2)	
 A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. E Gross anatomy of stomach. Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle E. Depressor labii inferioris muscle 3 Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium Mcostal cartilage? A. Pinna of ear B. Costal cartilage? 	 A Describe T-M Joint in detail. Discuss its applied anatomy. B Describe course and branches of the facial nerve & its applied anatom Q.2 Write Short Essay (3 out of 5) 	my
 Q.3 Answer following short objective questions. A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle E. Depressor labii inferioris muscle C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium Mich one of the following is an example of elastic cartilage? A. Pinna of ear 	 A Carotid triangle B Microscopic anatomy of cardiac muscles C Describe the deep cervical fascia of the neck. D Derivatives of Pharyngeal pouches. 	
 A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle E. Depressor labii inferioris muscle 3 Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium Mich one of the following is an example of elastic cartilage? 		
 A Define synapse and types. B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue E Define the Dangerous area of face. Q.4 Answer following MCQ's 1 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim 2 Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle C. Risorius muscle Depressor labii inferioris muscle 3 Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium S Which one of the following is an example of elastic cartilage? A. Pinna of ear 	Q.3 Answer following short objective questions.	
 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle B. Orbicularis oris muscle C. Risorius muscle Depressor labii inferioris muscle Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium D. Transitional epithelium Which one of the following is an example of elastic cartilage? A. Pinna of ear B. Costal cartilage 	 B What is Horner's syndrome? C Mention only stages of meiotic division of cell. D Mention the nerve supply of posterior 1/3 of tongue 	3
 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Pericranuim Accumulation of food in the right oral vestibule might indicate paralysis of the: A. Buccinator muscle B. Orbicularis oris muscle C. Risorius muscle Depressor labii inferioris muscle Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium D. Transitional epithelium Simple cattilage? A. Pinna of ear 	Q.4 Answer following MCQ's	
of the: A. Buccinator muscle C. Risorius muscle E. Depressor labii inferioris muscle J. Levator anguli oris muscle D. Uterus A. Simple cuboidal epithelium D. Transitional epithelium D. Transitional epithelium S. Costal cartilage	 Collection of blood in which layer of scalp can produce "black eye" A. Dense connective tissue B. Aponeurotic layer C. Loose areolar tissue D. Berieranuim 	vsis
 A. Buccinator muscle C. Risorius muscle E. Depressor labii inferioris muscle J. Levator anguli oris muscle D. Levator anguli oris muscle Lymphatic vessels are absent in: A. Liver B. Brain C. Lungs D. Uterus What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium Mich one of the following is an example of elastic cartilage? A. Pinna of ear 		
 A. Liver B. Brain C. Lungs D. Uterus 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium D. Transitional epithelium S Which one of the following is an example of elastic cartilage? A. Pinna of ear B. Costal cartilage 	A. Buccinator muscleB. Orbicularis oris muscleC. Risorius muscleD. Levator anguli oris muscleE. Depressor labii inferioris muscle	
C. Lungs D. Uterus What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium Which one of the following is an example of elastic cartilage? A. Pinna of ear B. Costal cartilage	A. Liver	
 4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium 5 Which one of the following is an example of elastic cartilage? A. Pinna of ear B. Costal cartilage 	C. Lungs	1
A. Pinna of ear B. Costal cartilage	4 What type of tissue lines the urinary bladder? A. Simple cuboidal epithelium C. Stratified squamous epithelium D. Transitional epithelium	3) lium
	A. Pinna of ear B. Costal cartilage	

O

T

?

10

15

5

5

RUC 1151 1 12.

Q.5 Write Structured Long Essay (1 out of 2)

Describe gross anatomy of nose in detail. Discuss its applied anatomy. А

- Describe relations, nerve supply, histology, & applied anatomy of submandibules ev-200 B submandibular gland
- Write Short Essay (3 out of 5) Q.6
 - A Otic Ganglion.

Development of face. B

- C Histology of lung.
- D Palatine tonsil.
- E Cerebellum.

Q.7 Answer following short objective questions.

- Which is the safety muscle of the larynx A
- What are structures embedded in the parotid gland? В
- Mention the blood supply of nasal septum. С
- Define anastomosis and type. D
- Give the name of projection fibers in brain. Е
- Q.8 Answer following MCQ's
 - The urinary bladder is composed of 1
- A. Simple cuboidal epithelium B. Simple columnar epithelium C. Stratified squamous epithelium D. Transitional epithelium
 - Ligaments is an example of
 - B. Dense irregular connective tissue A. Loose connective tissue C. Dense regular connective tissue D. Specialized connective tissue
 - The safety muscles of tongue is :
 - A. Genioglossus

- B. Hyoglossus
- C. Styloglossus
- D. Palatoglossus
- The vertical wrinkles in forehead done by which muscle 4
 - A. Procerus
 - B. Corrugator supercilii
 - C. Frontal belly of occipitofrontalis
 - D. Orbicularis oculi
- In abducted eye elevation of eyeball is done by 5
 - A. Superior oblique
 - B. Inferior oblique
 - C. Superior rectus
 - D. All of above

Seat N	PR N SANKALCHAND PATEL UNIVERS BDS - (1 st) Year - EXAMINATION - July-Augus	ITY
Subje Subje	BDS – (1 st) Year – EXAMP ct Code: 1DS1010101 ct Name: General Human Anatomy including Embryology 2 Hum	
Time	3 Hrs.	O.X.
Instru	tions: 1. Use separate answer book for each section.	N
		N
	a million and wherever necessary	2~
	4. Figures to the right indicate matter	
6	SECTION – A	
~ .	Answer Structured Long Essay (Any 1 out of 2)	
Q.1	Answer Structured Long Essay A Describe the Thyroid gland in Detail A Describe the Thyroid gland in Detail	
	A Describe the Thyroid gland in Detail B Describe in detail Extra-ocular muscles & its Applied Aspect	
Q.2	Write Short Essay (Any 3 out of 5)	
Q.2	A Intrinsic Muscles of longue	
	B Histology of Gall Bladder	
	C Cartilaginous joints D Formation of neural tube	
	- area of face and its Applied aspect	
Q.3		
Q.5	A Cranial nerves passing through internal accord	
	B Which is the only abductor muscle of the vocal cord?	13
	C Which is the dangerous area of scalp?	M. L.D.
	D Liggment of Berry is formed by?	NO
	 E Nerve supply of posterior belly of digastric muscle? 	
		30
Q.4	Answer following MCQ's Which of the following muscles separates the orbital and pa	alpebral parts of
le la	the lacrimal gland?	
	a. Superior oblique b. Superior rectus	
	 a. Superior oblique b. Superior palpabrae superioris c. Inferior oblique d. Levator palpabrae superioris 2 All are the muscles forming boundaries of carotid triangle, 	Except:
	2 All are the muscles forming boundaries of curved muscles of a Posterior belly of diagastric b. Superior belly of om	ohyoid
	a. Posterior belly of diagastric c. Sternocleidomastoid b. Superior belly of om d. Trapezius	
	3 Action of frontalis muscle	
	a. Smiling b. Whistling c. Fright d. Surpri	se
	4 Face develops from a Pair of maxillary process b. Pair of mandibular	process
	c Frontonasal process d. All of above	
	5 All of the following structures form the boundaries of digas	tric triangle except
	a. Posterior belly of digastric muscle	A 3
	b. Anterior belly of digastric muscle	RI
	c. Superior belly of omohyoid muscle	8
	d Base of the mandible	1
	N	No.
C	X	Say and the second second
		le la companya de la

D



SECTION - B

Q.5 Answer Structured Long Essay (Any 1 out of 2)

- Describe the muscles of the soft palate in detail & its Applied Aspect ٨
- Describe the Gross features, Arterial supply, venous drainage, nerve В J. 200 supply and Applied aspect of Lateral wall of the nose
- Q.6 Write Short Essay (Any 3 out of 5)

Muscles of mastication

Mention the types of synovial joints with examples

- С Cavernous sinus
- D Development of tongue
- E Histology of Parotid gland

Q.7 Answer Objective type question.

- Α Structures passing through foramen spinosum?
- В Where does the frontal sinus open?
- С Facial artery is branch of which artery?
- Recurrent laryngeal nerve is a branch of which nerve? D
- E What is the lining epithelium of trachea?

Q.8 Answer following MCQ's

Parotid duct opens in the vestibule of mouth opposite the crown of

- b. Upper 1st Premolar tooth a. Upper 2nd Molar tooth
- d. Lower 1st Premolar tooth c. Lower 2nd molar tooth
- 2 Name the nerve of second pharyngeal arch
 - b. Facial nerve a. Mandibular nerve
 - c. Glossopharangeal nerve d. Vagus nerve

The superficial relation of hyoglossus muscle includes all of the 3

following except

- b. submandibular ganglion a. Lingual nerve
- d. submandibular duct c. Lingual artery
- Which of the following nerves crosses the duct of the submandibular 4

gland?

- a. Glossopharyngeal nerve b. Hypoglossal nerve
- c. Lingual nerve
- U-18473 d. Chorda tympani nerve
- The safety muscles of tongue is : 5
 - a. Genioglossus
 - b. Hyoglossus
 - c. Styloglossus
 - d. Palatoglossus

2

10

15

5

Seat No.: SANKALCH	AND PATEL UNIVERSITY	
BDS – 1 st Year –	NOV/DEC = 2019	:09/12/ 2019
Subject Code: 1DS1010101	Date	(09/12/ 201)
Subject Name: General Human A	natomy including Embryology & Histology	Marks: 70
Time: 3 hours	100	I WIAT KS. 70
Instructions: 1. Use separate answer book 2. Attempt all questions. 3. Draw diagrams wherever 4. Figures to the right indica	necessary.	¢
Q.1 Answer the following structured	l long essay question (1 out of 2)	(10)
A. Gross anatomy and applieB. Temporomandibular joint	d anatomy of cavernous sinus	
Q.2 Answer the following short essa	y questions (3 out of 5)	(15)
A. Digastric triangle		
B. Mandibular nerve		
C. Development of palate		
D. Histology of compact bon	e	. 1.
E. Gross anatomy of stomac	h	S`
-0 r		(5)
Q.3 Answer the following objective	e h questions	(5)
A. What is black eye ?		
B. Name the structures passi	ng through internal acoustic meatus.	
C. Name the branches of firs	t part of maxillary artery.	
D. What is carotid sinus?		
E. Name the infrahyoid muse	cles.	
Q.4 Choose correct option from foll	owing Multiple choice questions	(5)
1 Safety muscle of tongue is	S	
A) Hyoglossus	B) Genioglossus	
C) Paltoglossus	D) Styloglossus	
2 Nasolacrimal duct opens i		
A) Superior meatus	B) Middle meatus	
C) Inferior meatus	D) Sphenoethmoidal recess	
3 Median atlantoaxial joint		
A) Pivot	B) Saddle	1
C) Ellipsoid	D) Hinge	(C)
4 Trapezius muscle is suppli		\sim
A) Hypoglossal	B) Glossopharyngeal	0
C) Mandibular	D) Spinal accessory	
5 Urinary bladder is lined b	y	
A) Simple squamous epith	elium B) Stratified squamous epithel	
C) Transitional epitheliur		n [PTO]

. .



Re.

Q.5	Answer the following structured long essay question (1 out of 2)	(10)
	 A. Gross anatomy and applied anatomy of maxillary sinus B. Attachments, nerve supply, actions & applied anatomy of extraocular muscles 	
Q.6	Answer the following short essay questions (3 out of 5)	(15)
	 Answer the following short essay questions (3 out of 5) A. Sternocleidomastoid muscle B. Otic ganglion C. Development of tongue D. Histology of thyroid gland E. Pyramidal tract 	
Q.7	Answer the following objective questions	(5)
	 A. What is Little's area ? B. What is trigeminal neuralgia ? C. Name the different parts of deep cervical fascia. D. Name the structures attached to the styloid process. E. Mention the type of cartilage present in trachea. 	
Q.8	Choose correct option from following Multiple choice questions	(5)
	 1 Chorda tympani nerve is a branch of which nerve ? A) Facial B) Mandibular C) Vagus D) Hypoglossal 2 Which of the following nerve passes through foramen ovale ? A) Greater petrosal C) Lesser petrosal C) Lesser petrosal C) Lesser petrosal C) Lesser petrosal C) Maxillary artery C) Maxillary artery Wherve of 3rd branchial arch is A) Hypoglossal C) Facial C	

	SPU-27051 SPU-27051	
	🔘 Scanned wit	h OKEN Sc

1st Year B.D.S. Examination

Preliminary Examination

Regular Batch 2019-20

General Human Anatomy Including Embryology

Time: 3 Hours

Total marks-25

1*7=7

Q-1. Describe lateral wall of Nose under following headings

Section-1

1 Gross feature

2) Openings

3) Nerve supply

4) Blood supply

5) Applied anatomy

Q2 explain in brief (3 out of 5)

1. submandibular gland

2. Histology of bone

3. Orbicularis oris

4. Classification of synovial joint

5. Dangerous layer of scalp

Q-3 Answer in one line

1. Which are component of waldeyers ring?

2. Nerve supply of posterior one third of tongue

3. Structure passing through superior orbital fissure

4. Structure passing through foramen magnum

5 Enumerate branches of external carotid artery

6. Medial wall of orbit

3*4=12

1*6=6

1st Year B.D.S. Examination **Preliminary Examination Regular Batch 2019-20** General Human Anatomy Including Embryology Time: 3 Hours **Total marks-25** Section-2 Q-1 Describe in detail thyroid gland? / farotid sland Q-2write short note on any three-3*4=12 . 1. Microscopic structure of cartilage 2. Cartilaginous joint and example 3. Nerve supply of tongue 4. Enumerate the structure passing through foramen ovale 5. Maxillary artery course and branches Q-3 choose correct option from following multiple choice question 1*6=6 Q.1- spinal root of accessory nerve innervates:-(a) serratus anterior (c) sternocleidomastoid (b) stylohyoid (d)Styloglossus Q.2- ligament of Berry is formed by (a) Investing layer of cervical fascia (c) Prevertebral layer (b)Pretracheal Nerve (d)Buccopharyngeal fascia Q.3-Which is not considered a content of the Posterior Triangle of neck (a) subclavian Artery (b) Trunks of brachial places (c)Internal Jugular vein (d)Branches of the Cervical Plexus Q.-4-Sternocleidomastoid insert on (a)Parictal bone (b) Temporal bone (c)Freutal bone (d)Sphenoid bone Q.-5-Wry neck caused by shortning of which muscle (a) SCM (b)Traperius (c) Levator Scapular (d) Subcivius Q-6 The Nerve Supply of Lateral Pterygoid is -! a) Maxillary N (b) Mandibular N. (C) facial N (d) Trigerninal N.

Q

UNI

Seat No.: _____

PR No.:_____

nstruct 1	3 hours	Total Marks: 70
1	tional Volt	
3	 Use separate answer book for each section. Attempt all questions. Draw diagrams wherever necessary. Figures to the right indicate marks. 	80.52
Q.1	SECTION – A Answer following Structured Long Essay (1 out of 2	2) 10
	A Describe the boundaries and contents of Carotid triangle	
	B Describe the parotid gland in Detail	
Q.2	Write following Short Essay (3 out of 5)	15
Z	A Blood supply of scalp	
	B Synovial joint	
	C Histology of Liver	
	D Implantation	
	E Extrinsic Muscles of tongue	
Q.3	Answer following short/Objective type questions	eles 637 5
	A Nerve supply of Sternocleidomastoid and trapezius musc	les S
	B Contents of carotid sheath	600
	C Structures passing through foramen ovale	20
	D Name any two terminal branches of facial nerve	
C	E Nerve supply of lateral rectus muscle	5
0.4	Answer following MCQ's	5
2.1	1 Action of buccinator muscle	
	a. Smiling b. whistling c. fright d. surprise	
	2 Which muscle divides the submandibular gland into superficia	al and deep parts?
	a. Hyoglossus b.mylohoid	
	c. geniohyoid d. anterior belly of diagastric	
	3 What is the identifying feature of histology of kidney?	
	a. Renal corpuscles b. colloid	
	c. peyer's patchesd. none of the aboveWhich nerve enters into the mandibular foramen?	
		ρ
	a. Maxillary nerve b. inferior alveolar nerve c. facial nerve d. nerve to mylohyoid	
	5 Facial artery is a branch of	
	a. Internal carotid artery b. occipital artery	1
	c. external carotid artery d. maxillary artery	0,2
•	10 AV	RU-55831
		12
	\sim	\sim
C	3	<u>}</u>



.

....

Scanned with OKEN Scanner

SECTION – B

Q.5 Answer following Structured Long Essay (1 out of 2)

- A Describe Temporo-mandibular joint in detail
- 3PU-5585 B Describe in detail muscles of larynx & its Applied Aspect
- Q.6 Write following Short Essay (3 out of 5)
 - A Constrictors of pharynx and their applied aspect
 - B Blood supply of a typical long bone
 - С Cleft palate and Cleft Lip
 - D Waldeyer's ring
 - E Histology of submandibular gland
- Q.7 Answer following short/Objective type questions

Name the cranial nerves passing through jugular foramen A

- B The identifying feature of histology of Thymus is
- С Middle meningeal artery is a branch of which artery?
- D Chorda tympani is a branch of which nerve?
- E Where does maxillary sinus open?

Q.8 Answer following MCQ's

đ

2

The joint between tooth and Gum is

- a. Syndesmosis b. suture c. Gomphosis d. primary cartilaginous joint
- Features of Horner's syndrome are all of the following except
 - a. Ptosis b. miosis
 - c. Anhyrosis d. Exopthalmos
- 3 Ophthalmic artery is a branch of
 - a. Internal carotid b. external carotid
 - c. maxillary d. vertebral
- Peyer's patches are present in 4
 - a. Duodenum b. jejunum c. Ileum d. stomach
- RU-5583 Which type of synovial joint is Superior radio-ulnar joint 5 a.Ball and socket b.Ellipsoid c. pivot d. saddle

2

10

15

5

5

RU-5583

ANOTOMY

Narsinhbhai Patel Dental College & Hospital, Visnagar

BDS FIRST YEAR, SECOND INTERNAL EXAMINATIONS (2018-19)

SECTION-1

Q.NO. 1: Describe thyroid gland under following headings:

a) Gross features

znd

b) Parts

c) Relations

c) Blood supply

d) Applied Aspect

- Q.No.2: Write short notes on any three
- a) Histology of Elastic Cartilage
- b) Killian's Dehiscence

c) Arterial Supply of Nasal Septum

d) Submandibular Ganglion

e) Structures present within the Parotid Gland

Q.No.3: Enumerate the answers of following:

- a) Structures passing through foramen Ovale
- b) Name of Muscles of Pharynx
- c) Nerve supply of Muscles of pharynx
- d) Branches of Maxillary artery
- e) Openings in lateral wall of nasal cavity
- f) Name of supra and infra hyoid Muscles

(7 Marks)

3x4(marks) = 12

6x1(mark) = 6

SECTION-2

Q.NO. 1: Describe Menstrual Cycle

Q.No.2: Write short notes on any three

a) Histology of compact bone

b) Sensory and motor nerve supply of tongue

c) Floor of Fourth Ventricle

d) Hyoglossus Muscle with its relations

e) Bony Formation of Nasal Septum

Q.No.3: MCQ'S :

1. Which muscle divides the submandibular gland into superficial and deep part

a) Hyoglossus b) Geniohyoid c) Mylohyoid d) Anterior belly of Diagastric

2. Submandibular Lymph nodes drains all of the followings except

b) Lateral halves of eyelids a) Lateral side of tongue

d) Medial halves of eyelids c) External nose & upper lip

3. Which of the following is the artery of Epistaxis

a) Anterior Ethmoidal b) Sphenopalatine c) Superior Labial d) Greater Palatine

4. Which of the following nerve doesn't pass through the jugular foramen

b) Hypoglossal c) Glossopharyngeal d) Accessory a) Vagus

5. Ligament of Berry is formed by

a) Pretracheal layer b) Investing layer c) prevertebral layer d) Buccopharyngeal Fascia

6. All muscles of pharynx are supplied by Pharyngral plexus Except

a) Salpingopharyngeus b) Palatopharyngeaus c) Stylopharyngeus d) Superior Constrictor

3x4(marks) = 12

6x1(mark) = 6

(7 Marks)



Scanned with OKEN Scanner

1" Year B.D.S. Examination

Preliminary Examination

Regular Batch 2017-18

General Human Anatomy Including Embryology

Time: 3 Hours

Total marks-70

Section-1

Q.1 Describe Intrinsic and extrinsic muscles of the Tongue under following headings 1x10 = 10

1) Origin and insertion 2) Action 3) Nerve supply 4) Applied anatomy

OR

Q-1.Describe Intrinsic muscles of the larynx under following headings

1) Origin and insertion 2) Action 3) Nerve supply 4) Applied anatomy

Q-2 Short questions (Attempt any 3 out of 5)

1. Middle ear

2. Maxillary artery- origin, course and its branches

3. Cavernous Sinus

4. Branches of medial cord of brachial plexus

5. Lateral Pterygoid muscle

Q.3 Answer is one line

5 x 1 Marks = 5 Marks

Scanned with OKEN Scanner

3 x 5 Marks = 5 Marks

1. Tensor veli palatini and tensor tympani are supplied by

2. Nerve lying above the lateral rectus muscle

3. Name 5 terminal branches of facial nerve

4. Only medial branch of external carotid artery

5. Structure present in carotid sheath are

SECTION – B

mborn American

Q.1 Describe 00GENESIS in detail.

Q.2 Short Notes, Attempt any 3 out of 5

1. Draw labelled dlagram of NEURON.

2. LACRMAL APPARATUS.

3. Classify SYNOVIAL JOINTS and add a note on Ball and socket Joint.

4. Classification of PINNATE muscles and add a note on Multipinnate muscle

5. Draw a neat labelled diagram of CUBOIDAL epithellum.

Q. 3 MCQ

1. Action of RISORIUS

(a) Smiling and Laughing (b) Whistling (c) Grinning (d) Doubt

2. No. of bones present in AXIAL and APPENDICULAR skeleton respectively

(a) 126, 80 (b) 80, 126 (c) 206, 80 (d) 206, 126

3. Action of MENTALIS muscle

(a) Smiling and Laughing (b) Whistling (c) Grinning (d) Doubt

4. Action of Occipitofrontalis muscle

(a) Grief (b) Grinning (c) Wrinkles forehead (d) Doubt

5. Eg. of PIVOT joint

(a) Superior and inferior radio ulnar joint (b) elbow joint

1

(c) Median atlanto axial joint (d) both A and C

6. OCCIPITAL ARTERY is a branch of

(a) Internal carotid Artery (b)Facial Artery (c) Maxillary Artery (d) External carotid Artery

 $6 \times 1 = 6$

(25 Marks)

1x7=7

 $3 \times 4 = 12$

Anatomy

<u>1" BDS, 2" Internal Exam (2017-18)</u>

<u>1º Feb/2018</u> <u>time: 12:00-2:00pm</u>

INSTRUCTIONS: max marks= 50

1. You are trained to be a doctor and not a story writer, answer point to point

2. Do not unnecessarily smile at the person sitting next to you, they may also not know the answer

3. Do not get nervous if your friend is taking more sheets, they may be just showing off to make you nervous.

<u>SECTION- 1</u>

Q.1 Describe parotid gland under follow headings:

1x7(marks) = 7

1. Gross features 2. Capsule 3. Relations 4. Blood supply

5. Nerve supply 6. Applied 7. Diagram

Q.2 Short questions, attempt any 3 out of 5

- 1. Movements of TMJ
- 2. Ansa Cervicalis
- 3. Mandibular Nerve
- 4. Blood supply of thyroid gland
- 5. Branches of posterior cord of brachial plexus

Q.3 Objective type questions

1. Sternocleidomastoid and Trapezius are supplied by

- 2. Which nerve enters into the mandibular foramen?
- 3. Only medial branch of external carotid artery is
- 4. Functionally and Topographically Otic Ganglion is related to
- 5. Tensor veli palatini and tensor tympani are supplied by
- 6. Structure passing through foramen ovale

3x4(marks) = 12

6x1(marks) = 6



SECTION- 2

1x7(marks) = 7Q.1 Describe tongue under follow headings: 3. Nerve supply 1. External Features 2. Muscles with their attachment and action 4. Lymphatic drainage 5. Applied aspect 6. Diagram 3x4(marks) = 12Q.2 Short questions, attempt any 3 out of 5 1. Menstrual cycle 2. Placenta Previa 3. Histology of hyaline cartilage 4. Histological difference between artery and vein 5. Histology of muscular artery Q.3 MCQ 6x1(marks) = 6 1. Ligament of Berry is formed bya. Investing layer of cervical fascia b. Pretracheal layer c. Prevertebral layer d. Buccopharyngeal fascia 2. Pes anserinus is the arrangement in which of the following nerves? a. Vagus b. Trigeminal c. Facial d. Glossopharyngeal 3. Which one is not a branch of maxillary artery? a. Anterior tympanic b. Anterior Ethmoidal c. Middle Meningeal d. Inferior Alveolar 4. Submandibular lymph nodes drains all of the following except: a. lateral side of tongue b. external nose, upper lip c. lateral halves of eyelid d. Medial halves of eyelids 5. Which muscle divides the submandibular gland into superficial and deep parts? a. Hyoglossus b. Mylohyoid c. Geniohyoid d. Ant. Belly of digastric 6. Nerve carrying preganglionic parasympathetic fibres to submandibular ganglion: a. **Greater Petrosal** b. Lesser Petrosal c. Deep Petrosal d. Chorda tympani

I'yen Anetom

lst BDS, 1st Internal Exam, (2017-18)

SECTION - 1

(25 Marks)

 $1 \times 7 = 7$

3 x 4 = 12

Q.1 Describe SCALP under following headings:

1. Definition

2. Layers

3. Arterial Supply

4. Nerve Supply

5. Diagram

Q.2 Short Questions, Attempt any 3 out of 5 1. Describe DANGEROUS AREAS OF THE FACE.

2. Write difference between ARETRY AND VEIN.

3. Classification of Epithelium tissue.

4. Name 12 pairs of Cranial nerves.

5. Arterial supply of face

Q.3 Objective type questions: 1. Structure passing through Superior orbital fissure. 2. Structure passing through foramen Ovale. 3. Nerve supply of Orbicularis Oris.

4. Bones forming Pterion.

5. Name 5 terminal branches of Facial nerve.

6. Typical feature of cervical vertebrae is.

 $6 \times 1 = 6$

SECTION - B

Puster and

Q.1 Describe 00GENESIS in detail.

(25 Marks)

 $1 \times 7 = 7$

3 x 4 = 12

 $6 \times 1 = 6$

Q.2 Short Notes, Attempt any 3 out of 5

1. Draw labelled diagram of NEURON.

2. LACRMAL APPARATUS.

3. Classify SYNOVIAL JOINTS and add a note on Ball and socket joint.

4. Classification of PINNATE muscles and add a note on Multipinnate muscle 5. Draw a neat labelled diagram of CUBOIDAL epithelium.

Q. 3 MCQ

1. Action of RISORIUS

(a) Smiling and Laughing (b) Whistling (c) Grinning (d) Doubt

2. No. of bones present in AXIAL and APPENDICULAR skeleton respectively

(a) 126, 80 (b) 80, 126 (c) 206, 80 (d) 206, 126

3. Action of MENTALIS muscle

(a) Smiling and Laughing (b) Whistling (c) Grinning (d) Doubt

4. Action of Occipitofrontalis muscle

(a) Grief (b) Grinning (c) Wrinkles forehead (d) Doubt

5. Eg. of PIVOT joint

(a) Superior and inferior radio ulnar joint (b) elbow joint

(c) Median atlanto axial joint (d) both A and C

6. OCCIPITAL ARTERY is a branch of

(a) Internal carotid Artery (b)Facial Artery (c) Maxillary Artery (d) External carotid Artery



Seat No.:

.

PR No.:_____

•	t Code: 1DS1010101 Date:3/12 / 2 t Name: General Human Anatomy including Embryology & Histology	UI
	3 hours Total Marks	s: '
2 3	ions: Use separate answer book for each section. Attempt all questions. Draw diagrams wherever necessary. Figures to the right indicate marks.	
	SECTION – A	
Q.1	Write Structured Long Essay (1 out of 2)	
	 A Describe Thyroid gland under following headings 1) Location 2) Gross features 3) Relations 4) Blood supply 5) Applied aspect 	
	B Describe Intrinsic and extrinsic muscles of the Tongue under following headings	
Q.2	1) Origin and insertion 2) Action 3) Nerve supply 4) Applied anatomy Write Short Essay (3 out of 5)	1
	 A Origin, course and branches of external carotid artery B Cleft lip 	
	 C Histology of elastic artery D Dangerous area of face E Boundaries , roof , floor and contents of Carotid triangle Answer following 	
Q.3	Answer following	
Ċ	 A Nerve supply of Stemocleidomastoid and trapezius muscles B Contents of carotid sheath C Structures passing through foramen ovale 	
	 D Name any two terminal branches of facial nerve E Nerve supply of lateral rectus muscle 	
Q.4	Answer following MCQ's	
	A Action of bucinator muscle a. Smiling b. whistling c. fright d. surprise	
	 B Which muscle divides the submandibular gland into superficial and deep parts ? a. Hyoglossus b.mylohoid c. geniohyoid d. anterior belly of diagastric 	
	 C What is the identifying feature of histology of kidney? a. Renal corpuscles b. colloid 	
	 c. peyer's patches d. none of the above D Which nerve enters into the mandibular foramen? a. Maxillary nerve b. inferior alveolar nerve c. facial nerve d. nerve to mylohyoid E Facial artery is a branch of a. Internal carotid artery b. occipital artery 	
	E Facial artery is a branch of a. Internal carotid artery c. external carotid artery d. maxillary artery	
C	5° (5°	

O Scanned with OKEN Scanner

Q.5 Write Structured Long Essay (1 out of 2)

- A Describe scalp under the following headings
 - 1. Extent 2. Layers 3. nerve supply 4. arterial supply 5. Applied anatomy

B Describe the muscles of mastication under following headings
 T. Origin and insertion 2. Actions 3. Nerve supply 4. Applied anatomy

Q.6 (Write Short Essay (3 out of 5)

- A Cavernous sinus
- B Histology of ureter
- C Development of thyroid gland and its Anomalies
- D Little's area
- E Palatine tonsil

Q.7 Answer following

- A Name the cranial nerves passing through jugular foramen
- B The identifying feature of histology of Thymus is
- C Middle meningeal artery is a branch of which artery?
- D Chorda tympani is a branch of which nerve?
- E Where does maxillary sinus open?

Q.8 Answer following MCQ's

RUSARS

- A The joint between tooth and Gum is
 - a. Syndesmosis b. suture

d. primary cartilaginous joint

- c. Gomphosis
- B Features of Horner's syndrome are all of the following except
 a. Ptosis b. miosis c. Anhyrosis d. Exopthalmos
- C Ophthalmic artery is a branch of
 - a. Internal carotid b. external carotid
 - c. maxillary d. vertebral
- **D** Peyer's patches are present in
 - a. Duodenum b. jejunum c. Ileum d. stomach
- E Which type of synovial joint is Superior radio-ulnar joint
 - a.Ball and socket b.Ellipsoid c. pivot d. saddle

2

10

15

5

RU-34489

21-34489