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(20222)

Roll No.

B.D.S.- I Prof.

5135(N)

**B.D.S. Supply. & Main
Examination, Feb. - 2022**

**Human Anatomy, Embryology, Histology &
Medical Genetics**

[BDS-01 (N)]

Time : Three Hours]

[Maximum Marks : 70

Note: Attempt **all** questions of **Part-I** and **Part-II**. Use separate copy for **Part-I** and **Part-II**.

Part - I

1. Describe the facial nerve under the following headings. 8
 - (a) Functional component of Nuclei
 - (b) Course and Relation
 - (c) Branches and Distribution
 - (d) Applied Anatomy
2. Describe development of Tongue. 8

P.T.O.

3. Write short notes on : 3×3=9
(a) Microanatomy of Lymph node.
(b) Otic ganglion
(c) Masseter muscle
4. Write correct answer of the following MCQS: 2×5=10
- (i) The ligament of Berry fixes the thyroid gland to:
(a) Thyroid cartilage
(b) Cricoid cartilage
(c) Fixed tracheal Ring
(d) Hyoid Bone
- (ii) The safety muscle of Tongue is
(a) Intrinsic
(b) Hyoglossus
(c) Genioglossus
(d) Styloglossus
- (iii) Common carotid Artery bifurcates at:
(a) Upper border of cricoid
(b) Upper border of Thyroid
(c) Lower border of Thyroid
(d) None of the above
- (iv) Nasolacrimal duct open in:
(a) Superior meatus
(b) Middle meatus
(c) Inferior meatus
(d) highest meatus

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- (v) Most deep structure in Parotid gland is
- (a) Retromandibular vein
 - (b) External carotid Artery
 - (c) Facial nerve
 - (d) All of the above

Part - II

1. Describe the Temporomandibular Joint under the following headings. 8
 - (a) Type of Joint and Ligaments of joint
 - (b) Relations of Joint
 - (c) Movements of Joint and muscles producing the movements
 - (d) Applied Anatomy
2. Describe the gross anatomy of Soft Palate. 8
3. Write short notes on: 3×3=9
 - (a) Microanatomy of Thyroid gland
 - (b) Carotid Triangle
 - (c) Spermatogenesis
4. Write the correct answer of following MCQ's: 2×5=10
 - (i) Structures opening in middle meatus are
 - (a) Maxillary sinus
 - (b) frontal sinus
 - (c) Middle and anterior ethmoidal sinus
 - (d) All of the above

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Roll No..

B.D.S.-I Prof.

5135(N)

**B.D.S. Supply. & Main Examination,
April-2021**

**Human Anatomy, Embryology, Histology
& Medical Genetics**

[BDS-01(N)]

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt **all** questions of Part-I and Part-II. Use separate copy for **Part-I** and **Part-II**.

Part-I

1. Describe the Mandibular Nerve under the following headings: 8

(a) Functional column and Nuclei.

(b) Course and Relations.

(c) Branches and distribution.

(d) Applied Anatomy.

2. Describe the development of Palate and its anomalies. 8

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3. Write short notes on: $3 \times 3 = 9$
- (a) Microanatomy of Parotid gland ✓
 - (b) Nerve supply of scalp. ✓
 - (c) Bell's palsy. ✓
4. Write correct answer of the following MCQS: $2 \times 5 = 10$
- (i) In an adult, the spinal cord ends at the level of:
- (a) ✓ Lower border of L1
 - (b) Lower border of L3.
 - (c) Lower border of L2
 - (d) Lower border of L4.
- (ii) Meckel's cave is related to:
- (a) ✓ Otic ganglion.
 - (b) Pterygopalatine ganglion
 - (c) ✓ Trigeminal ganglion
 - (d) Facial Nerve.
- (iii) Mobile bone of Skull:
- (a) Maxilla
 - (b) ✓ Mandible
 - (c) Parietal
 - (d) Ethmoid
- (iv) Cribriform plate is a part of :
- (a) ✓ Ethmoid
 - (b) ✓ Maxilla
 - (c) Vomer
 - (d) Zygomatic

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- (v) Killian dehiscence is in:
- (a) Superior constrictor
 - (b) Inferior constrictor
 - (c) Middle constrictor
 - (d) Sternocleidomastoid

Part-II

1. Describe Temporo-mandibular joint under following headings: 08

- (a) Articulating surfaces.
- (b) Relations
- (c) Movements
- (d) Applied Anatomy

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2. Describe Lateral wall of Nose 08

3. Write short notes on- 3x3=9

- (a) Microanatomy of Tongue
- (b) Dangerous area of face.
- (c) Carotid triangle.

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4. Write correct answer of the following MCQs: 2x5=10

(i) Which of the following cranial nerve is Mixed:

- (a) Facial.
- (b) Olfactory
- (c) Accessory
- (d) Hypoglossal

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- (ii) Safety Muscle of Tongue is:
- (a) Hypoglossus
 - (b) Genioglossus
 - (c) Palatoglossus
 - (d) Styloglossus
- (iii) The weakest wall of Human orbit is:
- (a) Roof
 - (b) Floor
 - (c) Medial wall
 - (d) Lateral wall
- (iv) Foramen transversarium transmit:
- (a) Inferior jugular vein.
 - (b) Sigmoid sinus
 - (c) Vertebral artery
 - (d) Carotid artery
- (v) Keisselbactis plexus is present at:
- (a) Medial wall of Nasopharynx.
 - (b) Lateral wall of Nasal Cavity.
 - (c) Anteroinferior part of Nasal Septum.
 - (d) Posterior part of Nasal cavity.

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B.D.S.-I Prof.

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Roll No.....



5135 (N)
B.D.S. Supply. & Main Examination,
Nov. - 2020

**Human Anatomy, Embryology, Histology &
Medical Genetics**

[BDS-01(N)]

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt **all** questions of **Part-I** and **Part-II**. Use separate copy for **Part-I** and **Part-II**.

Part-I

1. Describe the Facial Nerve under following headings: 08
 - (a) Functional column and Nuclei
 - (b) Course and Relations
 - (c) Branches and distribution
 - (d) Applied anatomy
2. Describe Gametogenesis. 08
3. Write short notes on: 3×3
 - (a) Microanatomy of Palatine tonsil.
 - (b) Pterygopalatine ganglion.
 - (c) Cleft lip and Cleft palate.

P.T.O.

4. Write correct answer of the following
MCQs: 2×5=10

(i) All the following Cranial Nerves are pure Sensory "Except"

- (a) Cranial Nerve I
- (b) Cranial Nerve II
- (c) Cranial Nerve VIII
- (d) Cranial Nerve X

(ii) Nerve of Ist Pharyngeal Arch

- (a) Facial Nerve.
- (b) Mandibular Nerve
- (c) Glossopharyngeal Nerve
- (d) Vagus.

(iii) Foramen of Monro connects

- (a) Lateral ventricle to third ventricle
- (b) Both Lateral ventricles
- (c) 3rd ventricle to 4th ventricle.
- (d) Lateral to the 4th ventricle.

(iv) The tip of the Nose is supplied by:

- (a) Maxillary Nerve
- (b) Mandibular Nerve
- (c) Ophthalmic Nerve
- (d) Facial Nerve

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- (v) Which of the following is not a branch of External carotid artery.
- (a) Superior thyroid artery
 - (b) Lingual artery
 - (c) Ascending pharyngeal artery
 - (d) Inferior thyroid artery

Part-II

1. Describe Scalp under following headings:
 - (a) Layers 08
 - (b) Nerve Supply
 - (c) Arterial Supply
 - (d) Applied Anatomy
2. Describe the Carotid triangle. 08
3. Write short notes on: 3×3=09
 - (a) Microanatomy of Tongue
 - (b) Lateral wall of Nose
 - (c) Muscles of Mastication
4. Write correct answer of following MCQ's. 2×5=10
 - (i) Tip of the tongue drains into:
 - (a) Occipital Lymph Node
 - (b) Submental Lymph Node
 - (c) Deep Cervical Lymph Node
 - (d) Tonsillar Lymph Node

- (ii) Incudomalleolar joint is a:
- (a) Ellipsoid joint
 - (b) Pivot joint
 - (c) Hinge joint
 - (d) Saddle joint
- (iii) Mastoid process is which type of Epiphysis:
- (a) Pressure
 - (b) Traction
 - (c) Atavistic
 - (d) Aberrant
- (iv) Otic ganglion is related to which cranial nerve
- (a) Glossopharyngeal
 - (b) Vagus
 - (c) Hypoglossal
 - (d) Abducens
- (v) Foramen of Magendie is the central opening of:
- (a) Lateral Ventricle
 - (b) 4th Ventricle
 - (c) 3rd Ventricle
 - (d) All of the above

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Roll No.

B.D.S. I Prof.

5135(N)

**B.D.S. Supply. & Main Examination,
November-2019**

**HUMAN ANATOMY, EMBRYOLOGY,
HISTOLOGY & MEDICAL GENETICS
(BDS-01 (N))**

Time : Three Hours]

[Maximum Marks : 70

**Note : Attempt all questions of Part-I and Part-II. Use
separate copy for Part-I and Part-II.**

Part-I

1. Describe the Facial Nerve under the following headings : 8
 - (a) Functional column and Nuclei.
 - (b) Course and Relations
 - (c) Branches and distribution.
 - (d) Applied anatomy.
2. Describe cleft lip and cleft palate. 8
3. Write short notes on : 3×3=9
 - (a) Microanatomy of Parotid gland.
 - (b) Pterygopalatine ganglion.
 - (c) Sternocleidomastoid muscle

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[P.T.O.]

(2)

4. Write correct answer of the following MCQs :

5×2=10

- (i) Thyroid follicles are lined by which type of epithelium :
- (a) Squamous
 - (b) Cuboidal
 - (c) Transitional
 - (d) Stratified Squamous.
- (ii) The spinal cord in Infants ends at the level of :
- (a) L₁ (b) L₂
 - (c) L₃ (d) L₄
- (iii) Mastoid antrum is present in which part of the bone :
- (a) Tympanic
 - (b) Petrous
 - (c) Squamous
 - (d) Mastoid.
- (iv) Nasolacrimal duct opens into the .
- (a) Supreme meatus
 - (b) Superior meatus
 - (c) Middle meatus
 - (d) Inferior meatus.

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(3)

(v) Otic ganglia is related to :

- (a) 9th Nerve
- (b) 10th Nerve
- (c) 8th Nerve
- (d) 7th Nerve.

Part-II

5. Describe the Temporo-mandibular joint under the following headings : 8

- (a) Articulating surfaces of bones
- (b) Movements of the joints and muscles producing the movements
- (c) Blood supply
- (d) Applied anatomy.

6. Describe the Nerve supply of tongue and its correlation with the development of tongue. 8

7. Write short notes on : 3×3=9

- (a) Microanatomy of Thyroid gland
- (b) Anomalies of Placenta
- (c) Dangerous area of face.

8. Write correct answer of the following MCQs : 2×5=10

- (i) Abductor of vocal cords is
 - (a) Thyroarytenoid
 - (b) Lateral cricoarytenoid
 - (c) Posterior cricoarytenoid
 - (d) Cricothyroid

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(ii) Parotid duct opens :

- (a) Opposite 1st Molar
- (b) Opposite 2nd Molar
- (c) Into the papilla
- (d) Opposite Incisor.

(iii) Superior Thyroid Artery is a branch of :

- (a) External Carotid Artery
- (b) Internal Carotid Artery
- (c) Common Carotid Artery
- (d) Arch of Aorta.

(iv) All are paired dural venous sinuses except :

- (a) Superior petrosal
- (b) Inferior petrosal
- (c) Superior Saggital
- (d) Transverse.

(v) Broca's area is present in :

- (a) Superior temporal gyrus
- (b) Precentral gyrus
- (c) Post central gyrus
- (d) Inferior frontal gyrus.

5135(N)

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B.D.S.-I Prof.

Printed Pages : 4
Roll No.



5135(N)

**B.D.S. Supply. & Main Examination,
November-2018**

**HUMAN ANATOMY, EMBRYOLOGY,
HISTOLOGY & MEDICAL GENETICS**

[BDS-01(N)]

Time : Three Hours] [Maximum Marks : 70

*Note : Attempt all questions of Part-I and Part-II. Use
separate copy for Part-I and Part-II.*

Part-I

1. Describe the temporomandibular joint under the following headings – 8
 - (a) Formation
 - (b) Relation
 - (c) Movements
 - (d) Applied Anatomy

2. Describe the tongue under the following headings : 8
 - (a) Gross Features
 - (b) Muscles
 - (c) Nerve Supply
 - (d) Development

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[P.T.O.]

(2)

3. Write short notes on -

3×3

- (a) Carpal Tunnel Syndrome
- (b) Coronary Sinus
- (c) Locking and unlocking of Knee Joint.

4. Write the correct answer of the following MCQs -

2×5

- (i) Thickest cutaneous nerve of body -
 - (a) Great auricular Nerve
 - (b) Greater occipital Nerve
 - (c) Lesser occipital Nerve
 - (d) Saphenous Nerve
- (ii) Nerve of bell supplies -
 - (a) Subscapular Muscle
 - (b) Supra spinatus Muscle
 - (c) Serratus Anterior Muscle
 - (d) Latissimus Dorsi Muscle
- (iii) Manubrio sternal joint is -
 - (a) Primary cartilaginous joint
 - (b) Secondary cartilaginous joint
 - (c) Symphyseal joint
 - (d) Fibrous joint
- (iv) Structures passing through Lat wall of cavernous sinus are all except -
 - (a) Abducent Nerve

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- (b) Trochlear Nerve
- (c) Ophthalmic Nerve
- (d) Maxillary Nerve
- (v) All are flexors of knee joint except -
 - (a) Tensor Fascia Lata
 - (b) Semimembranosus
 - (c) Biceps Femoris
 - (d) Sartorius

Part-II

1. Describe the Parotid Gland under the following headings -

8

- (a) Gross Features
- (b) Relations
- (c) Nerve Supply
- (d) Applied Anatomy

2. Describe the Cavernous Sinus.

8

3. Write short notes on -

3×3

- (a) Winging of Scapula
- (b) Micro anatomy of Oesophagus (diagrams only)
- (c) Cleft Palate

4. Write correct answer of the following MCQs -2×5

- (i) Main flexor of Elbow joint is -
 - (a) Biceps brachii
 - (b) Brachialis
 - (c) Brachioradialis
 - (d) Pronator teres

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(ii) All are Anterior branches of External Carotid Artery except -

- (a) Sup. Thyroid Artery
- (b) Lingual Artery
- (c) Ascending Pharyngeal Artery -
- (d) Facial Artery

(iii) Floor of carotid triangle is formed by all except -

- (a) Thyrohyoid
- (b) Hyoglossus
- (c) Sup. constrictor
- (d) Middle constrictor

(iv) Opening in Sup. Meatus is -

- (a) Naso lacrimal duct
- (b) Anterior ethmoidal sinus
- (c) Posterior ethmoidal sinus
- (d) Middle ethmoidal sinus

(v) Left Testicular vein drains into -

- (a) Lt. suprarenal Vein
- (b) Lt. Renal Vein
- (c) Inferior Vena cava
- (d) Inferior Mesenteric Vein

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Roll No.....

B.D.S. - I Prof.

5135(N)

B.D.S. Supply. & Main

Examination, Nov-2017

Human Anatomy, Embryology, Histology &
Medical Genetics

BDS-01(N)

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt all questions of Part-I and Part-

II. Use separate copy for Part-I and
Part-II.

Part-I

1. Describe the Mandibular Nerve under the following headings of-
8
 - (a) Functional column and Nuclei
 - (b) Course and Relations
 - (c) Branches and distribution
 - (d) Applied Anatomy

P.T.O.

2. Describe the Cavernous sinus under the following headings- 8
- (a) Location
 - (b) Relations
 - (c) Communications
 - (d) Applied Anatomy
3. Write short notes on: 3×3=9
- (a) Femoral Triangle
 - (b) Inferior Constrictor Muscle
 - (c) Cleft Palate
4. Write the correct answer of the following MCQs. 2×5=10
- (i) Major duodenal papilla-
 - (a) Present in IInd part of duodenum
 - (b) Opens on postero medial surface
 - (c) Both Pancreatic and common bile duct opens in it.
 - (d) All of the above
 - (ii) Meralgia Paresthetica is due to involvement of
 - (a) Femoral branch of genitofemoral Nerve
 - (b) Iliioinguinal Nerve
 - (c) Iliohypogastric Nerve
 - (d) Lateral cutaneous Nerve of Thigh
 - (iii) Hassall's corpuscles are present in-
 - (a) Lymph Node
 - (b) Spleen
 - (c) Thymus
 - (d) Tonsil
 - (iv) Paranasal sinus developing before birth is-
 - (a) frontal sinus
 - (b) Maxillary sinus
 - (c) ethmoidal sinuses
 - (d) all of the above

(v) Branch of Ist Part of Axillary Artery is

- (a) Thoraco aromial A.
- (b) Lat Thoracic A
- (c) Superior Thoracic A.
- (d) Subscapular A

Part-II

1. Describe the Thyroid Gland under the headings of

8

- (a) Location and dimensions
- (b) Relations
- (c) Blood Supply
- (d) Applied Anatomy

2. Describe the shoulder joint under the headings of :

8

- (a) Formation
- (b) Relations
- (c) Movements
- (d) Applied Anatomy

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3. Write short notes on-

3×3=9

- (a) Circle of willis
- (b) Microanatomy of Tongue (diagrams only)
- (c) foot drop

4. Write the correct answer of following MCQs

2×5=10

- (i) Premaxilla bearing incisor teeth is an extension of-
 - (a) Maxillary Process
 - (b) Frontonasal Process
 - (c) both (a) & (b)
 - (d) None of the above
- (ii) Spermatic cord contains-
 - (a) Van deferens
 - (b) Pampiniform plexus of veins
 - (c) Testicular Artery
 - (d) All of the above

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P.T.O.

(iii) Ligament attached at cardiac end of stomach is

- (a) Gastrosplenic ligament
- (b) Gastrophrenic ligament
- (c) Lesser omentum
- (d) All of the above

(iv) Floor of Popliteal fossa is formed by

- (a) Popliteal surface of Femur
- (b) Oblique popliteal ligament
- (c) Fascia covering popliteus
- (d) All of the above

(v) Branches of Arch of Aorta are all except.

- (a) Left subclavian A
- (b) Right Subclavian A
- (c) Left common carotid A
- (d) Brachio cephalic trunk

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Roll No.

B.D.S. I Prof.

5135(N)

**B.D.S. Supply & Main Examination,
November-2016**

**Human Anatomy, Embryology, Histology
& Medical Genetics**

(BDS-01)

Time : Three Hours] [Maximum Marks : 70

Note : Attempt **all** questions of Part-I and Part-II. Use separate copy for Part-I & Part-II.

Part-I

1. Describe Thyroid gland under the following headings with suitable diagrams: 8
 - (a) Location and features
 - (b) Relations and blood supply
 - (c) Development
 - (d) Applied Anatomy
2. Describe Tongue under following headings: 8
 - (a) Muscles of Tongue
 - (b) Nerve Supply
 - (c) Lymphatic drainage

P.T.O.

- (d) Role in chewing and speech
3. Write short notes on: $3 \times 3 = 9$
- (a) Development of face
 - (b) Otic ganglion
 - (c) Contents of Posterior Triangle
4. Write the correct answer of the following multiple choice question : $2 \times 5 = 10$
- (i) Most common nerve block in dental practice-
 - (a) Lingual nerve
 - (b) Inferior alveolar nerve
 - (c) Mandibular nerve
 - (d) Mylohyoid nerve
 - (ii) Chief elevator of Jaw at TMJ is-
 - (a) Temporalis
 - (b) Masseter
 - (c) Buccinators
 - (d) Medial pterygoid
 - (iii) All are paired cartilage of Larynx except:
 - (a) Arytenoid
 - (b) Cricoid
 - (c) Corniculate
 - (d) Cuneiform
 - (iv) Anterior part of foramen magnum gives way to-
 - (a) Apical ligament of dens

- (b) Upper part of Cruciform ligament
 - (c) Membrana Tectoria
 - (d) All of the above
- (v) All are suprahyoid muscles except-
- (a) Stylohyoid
 - (b) Mylohyoid
 - (c) Geniohyoid
 - (d) Omohyoid

Part-II

5. Describe the facial nerve under the following headings- 8
- (a) Functional component and nuclei
 - (b) Course and Relations
 - (c) Branches and distribution
 - (d) Applied Anatomy
6. Describe the origin, insertion, actions and nerve supply of extra ocular muscles and its applied. 8
7. Write short notes on- $3 \times 3 = 9$
- (a) Palatine Tonsil
 - (b) Styloid apparatus
 - (c) Microanatomy of parotid gland.
8. Write the correct answers of the following multiple choice question : $2 \times 5 = 10$
- (i) The nerve of 2nd pharyngeal arch-
 - (a) Facial nerve

- (b) Mandibular nerve
 - (c) Glossopharyngeal Nerve
 - (d) Vagus nerve
- (ii) Arterial Supply of pharynx is from-
- (a) Lingual artery & facial artery
 - (b) Lingual, facial & ascending pharyngeal artery
 - (c) Lingual, facial, maxillary & ascending pharyngeal artery.
 - (d) None of the above
- (iii) Metopic Suture is present in-
- (a) Parietal bone
 - (b) Frontal bone
 - (c) Occipital bone
 - (d) Temporal bone
- (iv) Structures passing through foramen ovale are all except :
- (a) Mandibular nerve
 - (b) Accessory middle meningeal artery
 - (c) Middle meningeal artery
 - (d) Lesser petrosal nerve
- (v) All are paired cranial sinuses except :
- (a) Cavernous venous sinus
 - (b) Superior petrosal sinus
 - (c) Anterior inter cavernous sinus
 - (d) Sphenoparietal sinus.

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Roll No.

B.D.S. I Prof.

5135(N)

**B.D.S. Supply & Main Examination,
November-2016**

**Human Anatomy, Embryology, Histology
& Medical Genetics**

(BDS-01)

Time : Three Hours] [Maximum Marks : 70

Note : Attempt **all** questions of Part-I and Part-II. Use separate copy for Part-I & Part-II.

Part-I

1. Describe Thyroid gland under the following headings with suitable diagrams: 8
 - (a) Location and features
 - (b) Relations and blood supply
 - (c) Development
 - (d) Applied Anatomy
2. Describe Tongue under following headings: 8
 - (a) Muscles of Tongue
 - (b) Nerve Supply
 - (c) Lymphatic drainage

P.T.O.

- (d) Role in chewing and speech
3. Write short notes on: $3 \times 3 = 9$
- (a) Development of face
 - (b) Otic ganglion
 - (c) Contents of Posterior Triangle
4. Write the correct answer of the following multiple choice question : $2 \times 5 = 10$
- (i) Most common nerve block in dental practice-
 - (a) Lingual nerve
 - (b) Inferior alveolar nerve
 - (c) Mandibular nerve
 - (d) Mylohyoid nerve
 - (ii) Chief elevator of Jaw at TMJ is-
 - (a) Temporalis
 - (b) Masseter
 - (c) Buccinators
 - (d) Medial pterygoid
 - (iii) All are paired cartilage of Larynx except:
 - (a) Arytenoid
 - (b) Cricoid
 - (c) Corniculate
 - (d) Cuneiform
 - (iv) Anterior part of foramen magnum gives way to-
 - (a) Apical ligament of dens

- (b) Upper part of Cruciform ligament
 - (c) Membrana Tectoria
 - (d) All of the above
- (v) All are suprahyoid muscles except-
- (a) Stylohyoid
 - (b) Mylohyoid
 - (c) Geniohyoid
 - (d) Omohyoid

Part-II

5. Describe the facial nerve under the following headings- 8
- (a) Functional component and nuclei
 - (b) Course and Relations
 - (c) Branches and distribution
 - (d) Applied Anatomy
6. Describe the origin, insertion, actions and nerve supply of extra ocular muscles and its applied. 8
7. Write short notes on- $3 \times 3 = 9$
- (a) Palatine Tonsil
 - (b) Styloid apparatus
 - (c) Microanatomy of parotid gland.
8. Write the correct answers of the following multiple choice question : $2 \times 5 = 10$
- (i) The nerve of 2nd pharyngeal arch-
 - (a) Facial nerve

- (b) Mandibular nerve
 - (c) Glossopharyngeal Nerve
 - (d) Vagus nerve
- (ii) Arterial Supply of pharynx is from-
- (a) Lingual artery & facial artery
 - (b) Lingual, facial & ascending pharyngeal artery
 - (c) Lingual, facial, maxillary & ascending pharyngeal artery.
 - (d) None of the above
- (iii) Metopic Suture is present in-
- (a) Parietal bone
 - (b) Frontal bone
 - (c) Occipital bone
 - (d) Temporal bone
- (iv) Structures passing through foramen ovale are all except :
- (a) Mandibular nerve
 - (b) Accessory middle meningeal artery
 - (c) Middle meningeal artery
 - (d) Lesser petrosal nerve
- (v) All are paired cranial sinuses except :
- (a) Cavernous venous sinus
 - (b) Superior petrosal sinus
 - (c) Anterior inter cavernous sinus
 - (d) Sphenoparietal sinus.

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(20315) Roll No.

BDS - I Prof.

5135(N)

B.D.S. Supply & Main Examination,

March 2015

Human Anatomy, Embryology, Histology &
Medical Genetics

BDS-01(N)

Time : Three Hours] [Maximum Marks : 70

Note: (1) Attempt all questions.

(2) From parts A and B on separate sheets.

(3) Draw diagrams wherever necessary.

Part - A

1. Describe the muscles of mastication under the following headings : attachments, nerve supply and actions. 8

2. Describe the attachments, nerve supply, actions and applied anatomy of sternocleidomastoid muscle. 8

3. Write short notes on : 3x3=9

(a) Medial wall of middle ear

(b) Submandibular ganglion

P.T.O.

~~(c) Nasolacrimal duct,~~

(d) Middle ethmoidal sinus

(iii) Which of the following is seen in the posterior wall of middle ear?

(a) Pyramid

(b) Promontory

(c) Fenestra vestibuli

(d) Canal for auditory tube

(iv) Secretomotor fibers to lacrimal gland travel along which of the following nerves ?

(a) Lesser petrosal

(b) Chorda tympani

~~(c) greater petrosal~~

(d) Oculomotor

(v) All of the following nerves are related to the mandible except :

(a) Inferior alveolar

(b) lingual

~~(c) facial~~

(d) auriculotemporal

5135(N)\30014

- (c) Microanatomy of palatine tonsil ✓
4. Write the correct answers of following multiple choice questions : $2 \times 5 = 10$
- (i) The nerve of the third branchial arch is:
(a) Facial (b) Mandibular
(c) Vagus (d) ~~glossopharyngeal~~
- (ii) Hypoglossal nerve supplies all of the following except :
(a) Hyoglossus (b) ~~Palatoglossus~~
(c) Genioglossus
(d) ~~Styloglossus~~
- (iii) All of the following are branches of external carotid artery except :
(a) Maxillary (b) Facial
(c) ~~Vertebral~~ (d) Occipital
- (iv) Foramen ovale transmits :
(a) Middle meningeal artery
(b) ~~internal carotid artery~~
(c) ~~accessory meningeal artery~~
(d) Vertebral artery
- (v) All of the following pass through superior orbital fissure except :
(a) Oculomotor nerve
(b) trochlear nerve

5135(N)\30012

- (c) abducent nerve
(d) ~~Optic nerve~~
- Part - B**
5. Describe the muscles of larynx under the following headings attachments, actions and nerve supply. 8
6. Describe the features and openings in lateral wall of nose. 8
7. Write short notes on : $3 \times 3 = 9$
(a) Development of tongue
(b) Microanatomy of parotid gland ✓
(c) Visual pathway
8. Write the correct answers of following multiple choice questions : $2 \times 5 = 10$
- (i) The cranial nerve which has a dorsal emergence from brain stem is :
(a) ~~Trochlear~~ (b) Oculomotor
(c) Abducent (d) Facial
- (ii) All of the following open in the middle meatus of nose except :
(a) Maxillary sinus
(b) Frontal sinus

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B.D.S. I Prof.

5135(N)

B.D.S. Supply & Main Examination,

Feb. 2014

Human Anatomy, Embryology, Histology &
Medical Genetics

(BDS-01)

Time: Three Hours] [Maximum Marks: 70

Note: Attempt all questions of Part-I and Part

II. Use Separate copy for Part-I and
Part-II.

Part-I

1. Describe the Facial Nerve under following
headings : _____ 8

(a) Functional Components and Nuclei

P.T.O.

- (b) Extracranial Course & Relations
- (c) Branches and distribution
- (d) Applied anatomy
2. Describe Temporo mandibular joint under following headings : 8
- (a) Articular surfaces and ligaments
- (b) Important relations
- (c) Movements & muscles producing them
- (d) Applied anatomy
3. Write short notes on : 3 x 3 = 9
- (a) Otic ganglion ✓
- (b) Maxillary air Sinus ✓
- (c) Development of Palate ✓
4. Write the correct answers of the following multiple choice question : 2 x 5 = 10
- (i) The nerve of 2nd Pharyngeal arch is
- (b) Post. 2/3rd of Tongue
- (c) Posterior 1/3 of Tongue
- (d) Whole of dorsal surface of Tongue
- (v) The salivary gland opening in the vestibule of oral cavity is
- (a) Parotid gland
- (b) Submandibular salivary gland
- (c) Sublingual gland
- (d) All of the above

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(21014) Roll No.

B.D.S. I Prof.

5135 (N)

B.D.S. Supply & Main Examination,

Oct. 2014

Human Anatomy, Embryology, Histology & Medical Genetics (BDS-01)

Time: Three Hours

Maximum Marks: 70

Note: Attempt all questions of Part-I and Part-II. Use separate copy for Part-I and part-II.

Part - I

- Describe the oculomotor nerve under following headings: 8
 - Functional components ✓
 - Nuclear Origin ✓
 - Course, relations and distribution ✓
 - Applied Anatomy ✓
- Describe briefly: 2x4=8
 - Posterior triangle ✓
 - Investing layer of deep cervical fascia ✓

(b) The following muscles of the neck are innervated by the ansa cervicalis except

- (1) Sternohyoid
- (2) Sternothyroid
- (3) ~~Omohyoid~~
- (4) Thyrohyoid.

(c) All the venous sinuses are paired except

- (1) Transverse sinus
- (2) Sigmoid sinus
- (3) Cavernous sinus ✓
- (4) Superior sagittal sinus

(d) At Little's area following arteries make anastomosis except

- (1) Septal branch of facial
- (2) Long sphenopalatine ✓
- (3) Terminal branches of greater palatine
- (4) Anterior ethmoidal branch of ophthalmic artery

(e) The deciduous teeth lack this type of tooth

- (1) Incisor
- (2) Canine
- (3) Premolar
- (4) Molar

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PT.O.

3. Write short notes on : 3x3=9

- (a) Development of Thyroid gland
- (b) Dangerous area of face
- (c) Muscles of mastication

4. Write the correct answers of the following multiple choice question : 2x5=10

- (a) Face is developed by
 - (1) Mandibular process
 - (2) Maxillary process
 - (3) Frontonasal process
 - (4) All of the above
- (b) Structures passing through superior orbital fissure except.
 - (1) Inferior ophthalmic vein
 - (2) Superior ophthalmic vein
 - (3) Optic nerve
 - (4) Abducent nerve
- (c) The parasympathetic ganglion that sends post ganglionic fibres to the lacrimal gland :
 - (1) Ciliary
 - (2) Otic
 - (3) Trigeminal
 - (4) Pterigopalatine
- (d) The structure that occupy the fenestra vestibuli is :
 - (1) Stapedius muscle
 - (2) Facial nerve

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(3) Base of the stapes
(4) Tensor tympani muscle

(e) Which of the following muscles is/are innervated by the pharyngeal plexus :

- (1) Middle constrictor
- (2) Tensor Velli palatini
- (3) Salpingo pharyngeus
- (4) Medial pterigoid

Part - II

5. Describe the submandibular gland in detail. Give a note on deep structures of submandibular region. 8

6. Describe briefly : 2x4=8

- (a) Lateral wall of nose
- (b) Palatine muscles

7. Write short notes on : 3x3=9

- (a) Microanatomy of tongue
- (b) Skeleton of the larynx
- (c) Waldeyer's ring of lymphoid tissue

8. Write the correct answer of the following multiple choice questions. 2x5

- (a) Hassel's corpuscles are present in :
 - (1) Spleen
 - (2) Tonsil
 - (3) Thymus
 - (4) thyroid

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8. Write the correct answer of the following multiple choice questions: 2x5=10

- (i) Gomphosis is a term used for:
 - (a) Gingival attachment
 - (b) Degenerative disease of gums
 - (c) Tooth root attachment to alveolar sockets
 - (d) TM-joint.
- (ii) 1st branch of external carotid artery is:
 - (a) Ascending pharyngeal artery
 - (b) Superior thyroid artery
 - (c) Lingual artery
 - (d) Posterior auricular artery.
- (iii) Nasolacrimal duct opens in:
 - (a) Superior meatus
 - (b) Middle meatus
 - (c) Inferior meatus
 - (d) Highest meatus
- (iv) Anterior 2/3rd of the tongue is supplied by:
 - (a) Lingual nerve
 - (b) Chorda tympani nerve
 - (c) Glossopharyngeal nerve
 - (d) All of the above.
- (v) Structure passing through foramen rotundum is:
 - (a) Mandibular nerve
 - (b) Ophthalmic nerve
 - (c) Maxillary nerve
 - (d) Trigeminal nerve.

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B.D.S.-I Prof.

Roll No.

5135(N)

B. D. S. Supply. & Main Examination, Oct. 2015

Human Anatomy, Embryology, Histology &

Medical Genetics

[BDS-01(N)]

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt all questions of Part-I and Part-II. Use separate copy for Part-I and Part-II.

Part-I

[Marks:35

1. Describe the temporomandibular joint under the following headings:
 - (a) Articular surface and ligaments
 - (b) Relations of joint
 - (c) Movements and muscles producing movement
 - (d) Applied Anatomy.
2. Write the origin, insertion, nerve supply and actions of muscles of Soft Palate.

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(2)

3. Write short notes on the following: 3x3=9

- (a) Bell's palsy
- (b) Little's area
- (c) Derivatives of 1st branchial arch.

4. Write the correct answer of the following multiple choice questions: 2x5=10

- (i) Dangerous layer of scalp is:
 - (a) Connective tissue layer
 - (b) Loose areolar layer
 - (c) Epicranial aponeurosis
 - (d) Pericranium.
- (ii) Facial nerve in the middle ear gives following branches except:
 - (a) Chorda tympani nerve
 - (b) Greater petrosal nerve
 - (c) Lesser petrosal nerve
 - (d) Nerve to stapedius muscle.
- (iii) Muscle that abducts the vocal cord is:
 - (a) Transverse arytenoids
 - (b) Lateral cricoarytenoids
 - (c) Posterior cricoarytenoids
 - (d) None of the above.
- (iv) Sternocleidomastoid is supplied by:
 - (a) Spinal accessory nerve
 - (b) C₂ & C₃ nerve
 - (c) Both
 - (d) Cranial accessory nerve

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(3)

(v) Secretomotor nerve for parotid gland is:

- (a) Facial nerve
- (b) Glossopharyngeal nerve
- (c) Vagus nerve
- (d) None of the above.

Part-II [Marks :35

5. Describe the Parotid gland under the following headings: 8

- (a) Covering and presenting parts
- (b) Relations of parotid gland
- (c) Structures within the gland
- (d) Nerve supply.

6. Describe the glossopharyngeal nerve under the following headings: 8

- (a) Functional components
- (b) Course and relation
- (c) Branches and structures supplied
- (d) Applied anatomy.

7. Write short notes on the following: 3x3=9

- (a) Microanatomy of thyroid gland
- (b) Dangerous area of face
- (c) T. S. of midbrain at level of superior colliculus (diagram only).

5135(N)

PART - B

5. Describe pterygopalatine Ganglion along with its connections distribution & applied Anatomy. 8
 6. Give an Account of the following : 4+4=8
(a) Floor of IV Ventricle *self*
(b) Development of Thyroid Gland
 7. Short notes on the following : 3x3=9
(a) Middle meatus of nose
(b) Parkinsonism
(c) Congenital anomalies of placenta
 8. **PART-I** : Explain Anatomical Basis of the following :
(a) Pain in middle ear in tonsillitis 2+2=4
(b) Wound of scalp bleed profusely
- PART-II** : Enumerate (No Diagram or Description) : 2x3=6
- (a) Tributaries of Cavernous Sinus
 - (b) 4 muscles of soft palate
 - (c) Structure forming blood brain barrier

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B.D.S. I Prof.

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Roll No. 6271087

5135 (N)

B.D.S. Supply & Main Examination,

March 2013

Human Anatomy Embryology, Histology,

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ITS Dental College Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

BDS-01 (N)

Time: Three Hours

[Maximum Marks : 70

Note : All questions are compulsory. Write Part-A and Part-B in separate copies. Draw diagrams wherever necessary.

PART - A

1. Describe Glossopharyngeal Nerve under following Headings : 8

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6. Give an account of the following : 4+4=8
- (a) Development of Thyroid Gland and its anomalies
 - (b) Circle of Willis
7. Write short notes on the following : 3x3=9
- (a) Stenson's Duct
 - (b) Internal Jugular Vein
 - (c) Frontal air Sinus
8. **Part-I** : Explain the Anatomical Basis of the following : 2x2 = 4
- (a) Left recurrent laryngeal nerve, hooks the arch of Aorta while the Right recurrent laryngeal nerve hooks the right subclavian artery
 - (b) Corneal reflex
- Part-II** : Enumerate the following (Description & diagram not required) 2x3 = 6
- (a) Sensory nerve supply of face
 - (b) Paranasal sinuses
 - (c) 4 structures attached to Styloid process

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D (20812)
 B.D.S. - I Prof.
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5135 (N)

B.D.S. Examination, August 2012
Human Anatomy Embryology,
Histology, Medical Genetics
BDS - 01 (N)

Time: Three Hours / [Maximum Marks : 70]

Note : All questions are compulsory. Write Part A and Part B in separate copies. Draw diagrams wherever necessary.

Part - A

1. Describe Position, Relations, Blood Supply, development and applied Anatomy of Parotid Gland. 8
2. Describe functional components, course, dis-

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(20812) Roll No.

B.D.S. - I Prof.

5135 (N)

B.D.S. Examination, August 2012

Human Anatomy Embryology,

Histology, Medical Genetics

BDS - 01 (N)

Time: Three Hours / Maximum Marks : 70

Note : All questions are compulsory. Write Part A and Part B in separate copies. Draw diagrams wherever necessary.

Part - A

1. Describe Position, Relations, Blood Supply, development and applied Anatomy of Parotid Gland. 8
2. Describe functional components, course, dis-

P.T.O.

6. Give an account of the following : 4+4=8
 - (a) Development of Thyroid Gland and its anomalies
 - (b) Circle of Willis
7. Write short notes on the following : 3x3=9
 - (a) Stenson's Duct
 - (b) Internal Jugular Vein
 - (c) Frontal air Sinus
8. Part-I : Explain the Anatomical Basis of the following : 2x2 = 4
 - (a) Left recurrent laryngeal nerve, hooks the arch of Aorta while the Right recurrent laryngeal nerve hooks the right subclavian artery
 - (b) Corneal reflexPart-II : Enumerate the following (Description & diagram not required) 2x3 = 6
 - (a) Sensory nerve supply of face
 - (b) Paranasal sinuses
 - (c) 4 structures attached to Styloid process

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Roll No.

B.D.S.II Prof.

B135 (N)

B.D.S. Supply, Examination,

July 2011

Human Anatomy Embryology,

Histology, Medical Genetics

BDS - 01 (N)

Time Three Hours/ (Maximum Marks) 70

Note: All questions are compulsory. Write part A and part B in separate copies. Draw diagrams wherever necessary.

Part - 'A'

1. Describe the position, relations, tributaries, communications and applied anatomy of Cavernous sinus.

8

7. Write short notes on the following:

(2) 3x3=9

- (a) Maxillary air sinus
- (b) Sternocleidomastoid
- (c) Wharton's duct.

8. Part-I : Explain the anatomical basis of the following:

(2) 2x2=4

- (a) Deviation of tip of protruding tongue to opposite side in case of unilateral paralysis of tongue muscles.
- (b) During thyroidectomy, inferior thyroid artery is ligated away from the thyroid gland.

Part - II : Enumerate the following: (Describe and diagram not required)

(2) 2x3=6

- (a) Sensory nerves supplying anterior quadrant of scalp.
- (b) Branches of Subclavian artery
- (c) Endocrine glands derived from pharyngeal arches.

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P.T.O.

Describe the course relations, branches and distribution of Mandibular Nerve. 8

3. Write short notes on the following : 3x3=9

- (a) Microanatomy of Palatine Tonsil
- (b) Jugulo-digastric lymph nodes
- (c) Otic ganglion and its connections

4. Write the correct answers of the following multiple choice questions : 2x5=10

(i) Which of the following muscles act as abductor of Vocal Cord.

- (a) Transverse arytenoid
- (b) Oblique arytenoid
- (c) Lateral cricoarytenoid
- (d) Posterior Cricovarytenoid

(ii) All of the following are branches of Intrapetrous part of facial nerve except

- (a) Greater petrosal nerve
- (b) Lesser petrosal nerve
- (c) Nerve to stapedius
- (d) Chorda tympani nerve

(iii) Muscle developed from third pharyngeal arch

(a) Stylopharyngeus

(b) Styloglossus

(c) Stylohyoid

(d) Palato pharyngeus

(iv) All are adductors of eyeball except,

(a) Medial rectus

(b) Superior rectus

(c) Inferior rectus

(d) Inferior oblique

(v) The cranial nerve attached to dorsal aspect of brain-stem

(a) Oculomotor

(b) Trochlear

(c) Trigeminal

(d) Abducent

Part - 'B'

5. Describe the course, branches and distribution of Maxillary artery. 8

6. Give an account of the following : 4+4=8

(a) Rhomboid Fossa

(b) Development of Tongue and its anomalies.

7. Write short notes on the following : 3x3=9
 (a) Deep Cervical Lymph Nodes
 (b) Ahsa Cervicallis
 (c) Gomphosis

8. Part I : Explain the anatomical basis of the following : 2x2=4
 (a) Pinching of the pimples in the dangerous area of face results in cavernous sinus thrombosis.
 (b) When asked to protrude his tongue, the tip of patient's tongue deviated to left side and the right half of tongue showed signs of atrophy. What is the cause and why the tip of tongue deviated to left side.

Part II : Enumerate the following : 2x2=6
 (Description and diagram not required)
 (a) Structures opening into middle nasal meatus.
 (b) Muscles forming floor of the posterior triangle.
 (c) Sensory nerves supplying the posterior quadrant of the scalp with their root values.

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BDS I P/01

5135(N)

B.D.S. Examination Dec., 2011
Human Anatomy Embryology, Histology
or Medical Genetics

(BDS-01)

Time: Three Hours] *(Maximum Marks: 70)*

Note : • All questions are compulsory.
 • Write part-A and Part-B in separate copies.
 • Draw diagrams wherever necessary.

Part - A

1. Describe the course, relations, branches, distribution and applied anatomy of Extracranial part of Facial Nerve. 8

2. Give the origin, insertion, nerve supply and actions of

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Muscles of Mastication.

Write short notes on the following : 3x3=9

- (a) Microanatomy of Palatine Tonsil
- (b) Development of Palate
- (c) Connexions of Otic Ganglion.

4. Write the correct answers of the following multiple choice questions: 2x5=10

- (i) All of the following muscles are supplied by pharyngeal plexus except
 - (a) Palato pharyngeus
 - (b) Stylopharyngeus
 - (c) Salpingopharyngeus
 - (d) Thyropharyngeus
- (ii) Which of the following is not a tributary of cavernous sinus?
 - (a) Superficial middle cerebral vein
 - (b) Central vein of retina
 - (c) Superior petrosal sinus
 - (d) Sphenoparietal sinus

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(iii) All of the following are derivatives of mesoderm of second pharyngeal arch except,

- (a) Stapes
- (b) Styloid Process
- (c) Stylomandibular Ligament
- (d) Stylohyoid

(iv) Which is not a branch of vertebral artery?

- (a) Anterior inferior cerebellar
- (b) Posterior inferior cerebellar
- (c) Anterior spinal
- (d) Posterior spinal

(v) Which is not an adductor of the Vocal Cord?

- (a) Lateral Cricoarytenoid
- (b) Posterior Cricoarytenoid
- (c) Transverse arytenoid
- (d) Oblique arytenoid

Part - B

5. Describe the parts & position, relations, blood supply and development of Thyroid Gland. 8

6. Give an account of the following :

- (a) Lingual Nerve 4
- (b) Coronary arteries 4

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(b) Movements of Temporomandibular joint and muscles producing them.

7. Write short notes on the following: 3x3=9

- (a) Arterial supply of Teeth
- (b) External Jugular vein
- (c) Barr Body

Part I : Explain the anatomical basis of the following: 2x2=4

- 8. (a) Pinching of pimples in the region of upper lip may result in cavernous sinus thrombosis.
- (b) Bilateral involvement of deep cervical lymph nodes in unilateral carcinoma of lip of tongue.

Part II : Enumerate the following: 2x3=6

(Description and diagram not required)

- (a) Muscles forming floor of posterior triangle.
- (b) Skeletal derivatives of mesoderm of first pharyngeal arch.
- (c) Diseases inherited by X-linked recessive mode.

Cartilage that fuse later found
Meckel's cartilage
(Jaws, middle)
 5135(N)/100014

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(21110) Roll No.

B.D.S. I Prof.

5135 (N)

B.D.S. Examination Nov. 2010

Human Anatomy Embryology, Histology

Medical Genetics

Paper - 1

(BDS - 01)

(New)

Time : Three Hours / [Maximum Marks : 70

Note : All questions are compulsory. Write part-A and

Part-B in separate copies. Draw diagrams

wherever necessary.

Part 'A'

1. Describe the position, parts, relations, blood supply and applied anatomy of Thyroid gland. 8

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47 A, ...



2. Describe the boundaries of Carotid Triangle and enumerate its contents. 8

3. Write short notes on the following : 3x3=9

- (a) Microanatomy of Parotid gland.
- (b) Submandibular Ganglion and its connections.
- (c) Cricothyroid muscle.

4. Write the correct answers of the following multiple choice questions : 2x5=10

- I. Which of the following nuclei does not supply muscles derived from pharyngeal arches?
 - (a) Motor Nucleus of Facial
 - (b) Nucleus Ambiguus
 - (c) Hypoglossal nucleus
 - (d) Motor nucleus of Trigeminal
- II. Facial nerve does not supply :
 - (a) Parotid gland
 - (b) Lacrimal gland
 - (c) Anterior lingual glands
 - (d) Mucous glands of nose
- III. All of the following are branches of Vertebral artery except.
 - (a) Anterior spinal

(b) Posterior spinal

(c) Posterior inferior cerebellar

(d) Anterior-inferior cerebellar

IV. Median atlanto-axial joint permits :

- (a) Flexion and extension of head
- (b) Side to side rotation of head
- (c) Hyper extension of head
- (d) Lateral flexion of neck

V. Maxillary nerve leaves middle cranial fossa through :

- (a) Foramen Lacerum
- (b) Foramen Ovale
- (c) Foramen Rotundum
- (d) Foramen Spinosum

Part - B

5. Describe the development of Palate. Add a note on its anomalies. 8

6. Give an account of the following: 4x2=8

- (a) Internal capsule

- (b) Posterior Belly of Masseter
- (c) Hyoglossus
- (d) Palato Glossus
- (2) Anterior Tympanic Artery Enters through:
- (a) Squamotympanic fissure
- (b) Petrotymppanic fissure
- (c) Stylohyoid Foramen
- (d) Mastoid Canalliculus
- (3) The thyroid gland weighs about:
- (a) 15 gms.
- (b) 20 gms.
- (c) 25 gms.
- (d) 30 gms.
- (4) The ~~muscle~~ ~~supinator~~ ~~of~~ ~~forearm~~:
- (a) Deltoid
- (b) Supinator
- (c) Biceps Brachii
- (d) Brachialis
- (5) Which of the following structures passes between the base of skull and upper concave border of superior constrictor:
- (a) Ascending Pharyngeal Artery
- (b) Maxillary Artery
- (c) Maxillary Artery
- (d) Ascending Palatine Artery

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B.D.S. I Prof.
Roll No. 1001
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5135(N)

B.D.S. Examination, July 2010

Paper - I

Human Anatomy, Embryology
Histology & Medical Genetics

(BDS-01N)

Time: Three Hours] [Maximum Marks: 70

Note: Attempt all questions of Part-A and Part-B. Use separate copy for Part-A and Part-B. Draw Diagrams wherever necessary.

Part-A

1. Describe the Relations, and Nerve Supply of Submandibular Salivary Gland. 8
2. Describe the Nerve Supply of Face. 8
3. Write short notes on: 3x3=9
- (a) Cleavage

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- (b) Styloid Process
- (c) Micro Anatomy of Hyaline Cartilage

4. Write the correct answers of the following Multiple Choice Questions : 1x1=1
2x5=10

- (1) All are the branches of external Carotid Artery except : **Middle**
- (a) Superior Thyroid Artery
 - (b) Lingual Artery
 - (c) Ascending Pharyngeal Artery
 - (d) Middle Meningeal Artery
- (2) Which of the following structures passes through mandibular foramen?
- (a) Lingual Nerve
 - (b) Inferior Alveolar Nerve
 - (c) Auriculo-temporal Nerve
 - (d) Infraorbital Nerve
- (3) Which of the Cranial Nerve leaves through Jugular Foramen?
- (a) Fifth Cranial Nerve
 - (b) Seventh Cranial Nerve
 - (c) Eighth Cranial Nerve
 - (d) Tenth Cranial Nerve
- (4) Loop of the Lingual Artery is crossed by
- (a) Facial nerve
 - (b) Hypoglossal Nerve

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- (c) Mandibular Nerve
 - (d) Glossopharyngeal Nerve
- (5) Which of the following Arteries is damaged during surgical removal of submandibular gland.
- (a) External Carotid Artery
 - (b) Internal Carotid Artery
 - (c) Facial Artery
 - (d) Transverse Facial Artery

Part B

1. Describe the extra ocular muscles. Add a note on the applied anatomy of these muscles. 8
2. Enumerate : 2x4=8
- (i) Muscles supplied by radial nerve
 - (ii) Derivatives of 2nd Pharyngeal Arch
 - (iii) Features of Horner's Syndrome
 - (iv) Opening in middle meatus of nose
3. Write short notes on : 3x3=9
- (a) Development of Thyroid Gland
 - (b) Micro anatomy of Thyroid Gland
 - (c) Posterior Ocular Branchial Plexus
4. Write the correct answers of the following multiple choice questions. 2x5=10
- (1) Which of the following muscles is the Key muscle of submandibular region?
- (a) Styloglossus

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Roll No. 6099001

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B.D.S. Examination Sept. - 2009

**Human Anatomy Embryology, Histology,
Medical Genetics**

BDS - 01

(New)

Time: Three Hours

Maximum Marks : 70

Note: All questions are compulsory.

Write part A and part B in separate copies.

Draw diagrams wherever necessary.

Part 'A'

1. Describe the position, relations, blood supply and applied anatomy of Palatine Tonsil. **8**
2. Describe the boundaries of the Posterior Triangle and enumerate its contents. **8**
3. Write short notes on the following: **3+3=9**
 - (a) ~~Microanatomy of Tongue.~~
 - (b) Derivatives of Endodermal Pharyngeal Pouches.
 - (c) Buccinator muscle.

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B.D.S. Examination, 2008

Paper-I

GENERAL HUMAN ANATOMY

(BDS-01)

Time : Three Hours

Maximum Marks : 50

Note: Attempt all questions of Part I and Part II. Use separate copy for Part I and Part II.

PART-I

1. Describe the formation, course, relations, branch^h distribution and applied anatomy of Maxillary nerve.
2. Give an account of the following : 2x4=8
 - (a) Age changes in mandible
 - (b) Cavernous sinus
3. Write short notes on the following : 3x3=9
 - (a) Cleft palate
 - (b) External carotid artery
 - (c) Ossification

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PART-II

1. Describe the gross anatomy, relations and nerve supply of parotid gland. 2x4=8
2. Give an account of the following : 2x4=8
 - (a) Movements at 1st carpometacarpal joint and muscles responsible for these movements.
 - (b) Tumor syndrome
3. Write short notes on the following : 3x3=9
 - (a) Histology of Thymus
 - (b) Carotid sheath
 - (c) Arterial supply of heart

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PART I

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5135
B.D.S. Examination, 2007
Paper I
GENERAL HUMAN ANATOMY
(BDS - 01)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt all questions of Part I and Part II . Use separate copy for Part I and Part II

Part - I

1. Describe the formation, course, relations, branches and distribution and applied anatomy of Mandibular nerve. 8
2. Give an account of the following 2x4=8
 - (a) Development of Palate
 - (b) Internal Capsule
3. Write Short notes on the following 3 x 3 = 9
 - (a) Maxillary air sinus
 - (b) Facial artery
 - (c) Derivatives of endodermal pharyngeal pouches

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Part -II

1. Describe the position, relations, nerve supply of submandibular salivary gland. 8
2. Give an account of the following : 2×4=8
 - a) Movements of temporomandibular joint and muscles producing them.
 - b) Sensory nerve supply of the face.
3. Write short notes on the following : 3×3=9
 - a) Histology of Thyroid gland
 - b) Dangerous area of face
 - c) Coronary arteries of Heart

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