

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

- (a) Deep Cervical Lymph Nodes
- (b) Ansa Cervicalls
- (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 : 2x3=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.

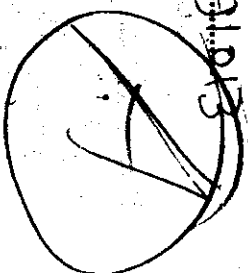
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BDS-I Prof.

Roll No. ....5091013



5135(N)

B.D.S. Examination Dec., 2011

Human Anatomy Embryology, Histology

& 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

- Microanatomy of Palatine Tonsil
- Development of Palate
- 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

- Palato pharyngeus
- Stylopharyngeus
- Salpingopharyngeus
- Thyropharyngeus

(II) Which of the following is not a tributary of cavernous sinus?

- Superficial middle cerebral vein
- Central vein of retina
- Superior petrosal sinus
- Sphenoparietal sinus

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

- Stapes
- Styloid Process
- Stylomandibular Ligament
- Stylohyoid

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

- Anterior inferior cerebellar
- Posterior inferior cerebellar
- Anterior spinal
- Posterior spinal

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

- Lateral Cricoarytenoid
- Posterior Cricoarytenoid
- Transverse arytenoid
- 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 :

- Lingual Nerve 4
- Coronary arteries 4

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7. Write short notes on the following :

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

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

- (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 (Description and diagram not required) :

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

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B.D.S.I Prof.

Roll No. ....

5135 (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.

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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 Cricoaarytenoid

(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.