

I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

B.D.S 1st year – 2011 Batch

First Internal Assessment

Subject: Human Anatomy

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1. Attempt all questions.
2. Draw neat, well labelled diagrams wherever necessary.
3. Answer all the questions in one sheet only.

17.01.12

Time: 3.0 hrs.

PART-A

M.M: (70)

- Q. 1 Classify and describe the joints along with appropriate examples. [10]
- Q. 2 Describe the Parotid Gland in detail along with its applied anatomy. [10]
- Q. 3 Write notes on: 4X4=[16]
- a) Ansa cervicalis
 - b) Internal features of Right atrium
 - c) Capillaries
 - d) Supination

PART-B

- Q. 4 Draw a well labelled diagram of - 4X3=[12]
- a) Relations of hyoglossus
 - b) Cubital fossa
 - c) Superior orbital fissure
 - d) Transitional Epithelium
- Q. 5 Enumerate - 3X2=[6]
- a) Branches of External Carotid Artery
 - b) Opening of Diaphragm (with vertebral level)
 - c) Muscles supplied by Median Nerve
- Q. 6 Explain the anatomical basis of - 3X2=[6]
- a) Black eye
 - b) Scalp wounds bleed profusely
 - c) Claw hand

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J.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

B.D.S 1st year – Regular Batch

Second Internal Assessment

Subject: Human Anatomy

1. Attempt all questions.
2. Draw neat, well labelled diagrams wherever necessary.
3. Use separate sheet for Part-A & part-B.

Date:-22.05.12

Time: 3.0 hrs.

M.M: (70)

PART-A

Q. 1 Describe Tongue under following headings:-

[10]

- a) Gross Anatomy.
- b) Muscles.
- c) Blood supply and lymphatic drainage.
- d) Co-relate Nerve supply with the development of tongue.
- e) Applied Anatomy.

Q. 2 Give an account of the following:-

[4x3=12]

- a) Development of Palate. ✓
- b) Microscopic Anatomy of palatine Tonsil. ✓
- c) Maxillary air sinus. ✓

Q. 3 Draw a well labelled diagram of :-

[5+4+4=13]

- a) Mediastinal surface and root of left lung.
- b) Stomach bed
- c) Anterior relations of Right Kidney. ✓

PART-B

Q. 4 Choose the correct answer for the following MCA:-

[2x5=10]

- a) All of the following statements are true about the ansa cervicalis **except**-
 - i) It is present in the region of digastric triangle.
 - ii) It is formed by ventral remi of C1, C2, C3 spinal nerves.
 - iii) It supplies all the infrahyoid muscles.
 - iv) It is embedded in the anterior wall of the carotid sheath.
- b) Superficial lymphnodes of neck consists of all of the following group of lymph nodes except-
 - i) Submental
 - ii) Submandibular
 - iii) ~~Retro~~ auricular
 - iv) Retropharyngeal
- c) Select the **incorrect** statement about the temporomandibular joint-
 - i) It is synovial joint of condylar variety.
 - ii) Its cavity is divided into two compartments by an intra articular disc.
 - iii) ~~Its~~ articular surfaces are covered by hyaline cartilage.
 - iv) It is innervated by auriculotemporal and masseteric nerves.

- d) The pain from tongue is referred to the ear through-
 - i) Mandibular Nerve
 - ii) Facial Nerve
 - iii) Glossopharyngeal Nerve
 - iv) Hypoglossal Nerve
- e) The swellings of submandibular gland are bimanually palpable because-
 - i) It lies superficial to mylohyoid muscle outside the oral cavity.
 - ii) It is wedged between the mandible and mylohyoid muscle.
 - iii) Its deep part lies in the oral cavity and superficial part outside the oral cavity.

Q. 5 Write short notes on:-

[3x4=12]

- a) Deep fascia.
- b) Blood supply of Thyroid Gland.
- c) Tributaries and communications of Cavernous sinus
- d) Attachments on the ramus of mandible.

Q. 6 Enumerate:-

[1x5=5]

- a) Derivatives of neural crest.
- b) Arteries supplying the nasal septum.
- c) Muscle forming the floor of digastric fossa.
- d) Carpal Bones.
- e) End arteries.

Q. 7 Explain why:-

[3+2+3=8]

- a) In facial nerve paralysis eye lids can not be closed.
- b) Irritation of the diaphragm causes pain in shoulder.
- c) Inflammatory swellings of parotid gland are very painful.

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47, Knowledge Park-III, Greater Noida

BDS 1st year (Reg. Batch)

Final Internal Assessment Examination

Subject: Human Anatomy

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- Attempt all questions
- Use separate sheet for Part A & Part B
- Draw neat and well labelled diagram wherever required

08.09.2012
Time: 3 hrs
M.M. – [70]

PART - A

- Q. 1 Describe the course, relations, branches, distribution and applied anatomy of Extracranial part of Facial Nerve. [8]
- Q. 2 Give the origin, insertion nerve supply and actions of Muscles of Mastication. [8]
- Q. 3 Write short notes on the following: 3X3=[9]
- Microanatomy of Palatine Tonsil ✓
 - Development of Palate
 - Connexions of Otic Ganglion
- Q. 4 Write the correct answers of the following multiple choice questions: 2X5=[10]
- All of the following muscles are supplied by pharyngeal plexus except
 - Palato pharyngeus
 - Stylopharyngeus
 - Salpingopharyngeus
 - Thyropharyngeus
 - Which of the following is not a tributary of cavernous sinus?
 - Superficial middle cerebral vein
 - Central vein of retina
 - Superior petrosal sinus
 - Sphenoparietal sinus
 - All of the following are derivatives of mesoderm of second pharyngeal arch except.
 - Stapes
 - Styloid process
 - Stylomandibular ligament
 - Stylohyoid
 - Which is not a branch of vertebral artery?
 - Anterior inferior cerebellar
 - Posterior inferior cerebellar
 - Anterior spinal
 - Posterior spinal
 - Which is not an adductor of the Vocal Cord?
 - Lateral Cricoarytenoid
 - Posterior Cricoarytenoid
 - Transverse arytenoids
 - Oblique arytenoid

PART – B

- Q. 5 Describe the parts & position, relations, blood supply and development of Thyroid Gland. [8]
- Q. 6 Give an account of the following: [4]
- a) Lingual Nerve [4]
 - b) Coronary arteries
- 3X3=[9]
- Q. 7 Write short notes on the following:
- a) Deep Cervical Lymph Nodes
 - b) Ansa Cervicalis
 - c) Gomphosis
- 2X2=[4]
- Q. 8 **Part I: Explain the anatomical basis of the following:**
- 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.
- 2X3=[6]
- Part II: Enumerate the following:**
(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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