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I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE
 47, Knowledge Park-III, Greater Noida

BDS 1st Year (2011 Supplementary Batch)

Subject: Human Anatomy

Final Internal Assessment Examination

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

20.07.13
 Time: 3 hrs
 M.M. – [70]

PART - A

- Q. 1 Describe Position, Relation, Blood Supply, development and applied Anatomy of Parotid Gland. [8]
- Q. 2 Describe functional components, course, distribution and applied of Hypoglossal Nerve. 4X2=[8]
- Q. 3 Write short notes on the following : 3X3=[9]
- a) Nerve Supply of Larynx
 - b) Ciliary Ganglion and connections
 - c) Foramen Magnum
- Q. 4 Write the correct answers of the following multiple choice questions: 2X5=[10]
- i) Sphenopalatine Foramen Connects Pterygopalatine fossa with
 - a) Orbit
 - b) Nasal Cavity 3X3=[9]
 - c) Temporal fossa
 - d) Middle cranial fossa
 - ii) Regarding Trochlear Nerve all are true except:
 - a) Its nucleus is situated in Central Grey matter at the level of inferior colliculus
 - b) IV Nerve emerges on dorsal surface of midbrain
 - c) It has a long intracranial course
 - d) Diplopia on looking upwards
 - iii) All of the following signs could result from infection with in the right Cavernous Sinus except:
 - a) Loss of pupillary light reflex
 - b) Loss of corneal blink reflex
 - c) Ptosis
 - d) Right Ophthal moplegia

- IV) All of the following muscles are innervated by facial Nerve except:
- a) Occipito frontalis
 - b) Anterior belly of digastric
 - c) Risorius
 - d) Procerus
- V) Surface Ectoderm gives rise to all of the following structures except:
- a) Lens
 - b) Corneal epithelium
 - c) Conjunctival epithelium
 - d) Anterior layer of Iris

PART - B

- Q. 5 Describe the course branches and distribution of Lingual artery. [1]
- Q. 6 Give an account of the following : 4+4=[8]
- a) Development of Thyroid Gland and its anomalies
 - b) Circle of Willis
- Q. 7 Write short notes on the following : 3X3=[9]
- a) Stenson's Duct
 - b) Internal Jugular Vein
 - c) Frontal air Sinus
- Q. 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

As per

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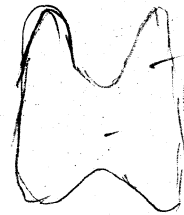
47, Knowledge Park-III, Greater Noida

BDS 1st Year (2012 Regular Batch)

Subject: Human Anatomy

Final Internal Assessment Examination

- Attempt all questions
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- Use separate sheet for Part A and Part B



29.08.13
Time: 3 hrs
M.M. - [70]

PART - A

- Q. 1 Describe the gross anatomy, relations microscopic anatomy, blood supply applied anatomy of Thyroid gland. [8]
- Q. 2 Describe the nuclear components, functional components, course, relations, branches and distribution and applied anatomy of Mandibular Nerve. [8]
- Q. 3 Give an account of the following - 3X3=[9]
 - a. Development of Palate ✓
 - b. Internal Capsule
 - c. Gomphosis ✓
- Q. 4 Write the correct answers of the following MCQ's - 2X5=[10]
 - i) All of the following muscles are supplied by pharyngeal plexus except -
 - a. Palatopharyngeus
 - b. Stylopharyngeus
 - c. Salphingo pharyngeus
 - 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. Inferior petrosal sinus ✓
 - d. Sphenoparietal sinus
 - iii) Bed of tonsil is formed by -
 - a. Buccinator
 - b. Palatoglossus
 - c. Palatopharyngeus
 - d. Superior constrictor ✓
 - iv) Midline cleft lip is due to failure of fusion of -
 - a. Maxillary process
 - b. Medial Nasal process
 - c. Medial & Lateral Nasal process ✓
 - d. Medial Nasal & Maxillary process
 - v) Sensory fibres conveying taste sensations terminate in which of the following nuclei?
 - a. Nucleus ambiguus
 - b. Main sensory nucleus of tri geminal
 - c. Nucleus of tractus solitarius
 - d. Dorsal nucleus of Vagus

PART - B

- Q. 1 Describe Tongue under the following headings – [10]
- a. Gross anatomy
 - b. Muscles – attachment
 - c. Nerve supply
 - d. Blood supply & lymphatic drainage
 - e. Development
 - f. Applied anatomy
- Q. 2 Write short notes on – 3X4=[12]
- a. Deep cervical lymph nodes
 - b. Arterial supply of teeth ✓
 - c. Barr body
 - d. Microscopic anatomy of Palatine Tonsils
- Q. 3 Give an account on – 4X2=[8]
- a. Facial muscle
 - b. Middle meatus of Nose
- Q. 4 Explain Anatomical Basis of the following – 1.5X2=[3]
- a. Pain in middle ear in tonsillitis ✓
 - b. Maxillary sinusitis is very common ✓
- Q. 5 Enumerate – 1+1=[2]
- a. Muscles of soft Palate ✓
 - b. Sensory nerve supply of posterior quadrant of scalp with root value

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47, Knowledge Park-III, Greater Noida

BDS 1st Year (2012 Regular Batch)

Subject: Human Anatomy

Final Internal Assessment Examination

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

29.08.13
Time: 3 hrs
M.M. – [70]

PART - A

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- Q. 2 Describe the nuclear components, functional components, course, relations, branches and distribution and applied anatomy of Mandibular Nerve. [8]
- Q. 3 Give an account of the following – 3X3=[9]
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- Q. 4 Write the correct answers of the following MCQ's – 2X5=[10]
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- v) Sensory fibres conveying taste sensations terminate in which of the following nuclei?
a. Nucleus ambiguus
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d. Dorsal nucleus of Vagus

PART - B

- Q. 1 Describe Tongue under the following headings – [10]
- Gross anatomy
 - Muscles – attachment
 - Nerve supply
 - Blood supply & lymphatic drainage
 - Development
 - Applied anatomy
- Q. 2 Write short notes on – 3X4=[12]
- Deep cervical lymph nodes
 - Arterial supply of teeth
 - Barr body
 - Microscopic anatomy of Palatine Tonsils
- Q. 3 Give an account on – 4X2=[8]
- Facial muscle
 - Middle meatus of Nose
- Q. 4 Explain Anatomical Basis of the following – 1.5X2=[3]
- Pain in middle ear in tonsillitis
 - Maxillary sinusitis is very common
- Q. 5 Enumerate – 1+1=[2]
- Muscles of soft Palate
 - Sensory nerve supply of posterior quadrant of scalp with root value

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

47, Knowledge Park-III, Greater Noida

BDS 1st Year (2013 Batch)
1st Internal Assessment Examination
Subject: Human Anatomy

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

Date: 16.12.2013
Time: 3 hrs
M.M. – [70]

PART - A

- Q. 1 Describe the gross anatomy, relations, blood supply, nerve supply and applied anatomy of Parotid Gland. [8]
- Q. 2 Describe the structural classification of Joint with examples. Describe in detail the fibrous joints. [8]
- Write short notes on the following: 3X3=[9]
- a) Retinacula
- b) Sesamoid bones
- c) Erb's Palsy
- Q. 4 Give the correct answers of the following multiple choice questions 2.5X=[10]
- a) Regarding cleavage lines (Langer), all the following statements are true except-
- i. They are caused by the pull of elastic and collagen fibres in the dermis.
 - ii. Their direction is vertical in chest and abdomen.
 - iii. Incisions made parallel to three lines heal quickly and produce hair line scar.
 - iv. Incisions made across these lines heal poorly and produce wide thick scar.
- b) All of the following are examples of white fibrocartilage except –
- i. Intervertebral disc
 - ii. Articular cartilage of temporomandibular joint
 - iii. Cartilage of pinna of the ear
 - iv. Acetabular labrum
- c) All of the muscles are supplied by median nerve except –
- i. Pronator teres
 - ii. Flexor digiti minimi
 - iii. Flexor carpi radialis
 - iv. Opponens pollicis
- d) Following are the tributaries of internal jugular vein except-
- i. Inferior petrosal sinus
 - ii. Superior thyroid vein
 - iii. Middle thyroid vein
 - iv. Inferior thyroid vein
- e) All of the following pierce the roof of posterior triangle except-
- i. Anterior jugular vein
 - ii. External jugular vein
 - iii. Supraclavicular nerves
 - iv. Great auricular nerve

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PART - B

- Q. 5 Describe the boundaries, roof, floor, contents and applied of digastric triangle. [8]
- Q. 6 Write short notes on - 3X4=[12]
- a) Bell's palsy
 - b) Relations of Cavernous sinus
 - c) Nerves related to mandible
 - d) Muscles of mastication
- Q. 7 Give anatomical basis of -
- a) Why the superior thyroid artery should be ligated as close to the apex of thyroid lobe as possible? [4]
 - b) Maxillary sinusitis is very common? [3]
- Q. 8 Enumerate - [8]
- a) Sites where fat is absent in superficial fascia
 - b) Muscles forming floor of carotid triangle
 - c) Muscles of soft palate
 - d) Muscles supplied by ulnar Nerve