

I.T.S Dental College, Hospital & Research Centre

47, Knowledge Park- III, Greater Noida

III Internal Assessment Examination

BDS 1st Year (Batch 2014-18)

Subject: Human Anatomy

- All Questions should be attempt.
- Use separate sheet for Part-A & Part-B.
- Draw Diagrams wherever necessary.

Date: 28.08.2015

Time: 03:00 hrs

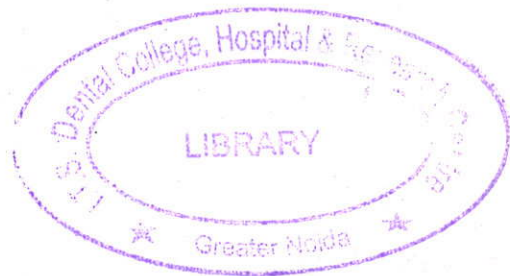
MM:70

Part-A

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

Ques:2 Describe the facial nerve under following headings-
a. Functional components and nuclei.
b. Course and relations
c. Branches and distribution
d. Applied Anatomy. 8

Ques:3 Write short notes on-
a. Maxillary air sinus
b. Development of thyroid gland
c. Micro anatomy of palatine tonsils. 3x3=9



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

- (1) Which of the following is seen in the posterior wall of middle ear?
a. Promontory
b. Pyramid
c. Canal for auditory tube
d. Fenestra vestibuli
- (2) Secretomotor fibres to lacrimal gland travel along which of the following nerves?
a. Lesser petrosal
b. Oculomotor
c. Chorda Tympani
d. Greater petrosal.
- (3) Which of the following muscles is / are innervated by pharyngeal plexus-
a. Middle constrictor
b. Tensor Veli palatine
c. Salpingopharyngeus
d. Medial pterygoid
- (4) The following muscles of the neck are innervated by the ansa cervicalis except –
a. Sternohyoid
b. Sternothyroid
c. Omohyoid
d. Thyrohyoid
- (5) Safety muscles of larynx is –
a. Aryepiglotticus
b. Posterior Cricoarytenoids
c. Vocalis
d. Oblique arytenoids

Part -B

~~Ques:1~~

Describe the submandibular salivary gland under following headings-

8

- a. Gross anatomy
- b. Relations
- c. Nerve supply
- d. Applied anatomy

~~Ques:2~~

Write short notes on the followings-

3x3=9

- a. Down's syndrome.
- b. Sensory supply of tongue
- c. Connection of pterygopalatine ganglion

~~Ques:3~~

Give on account of the following-

4x2=8

- ~~a.~~ Circle of willis.
- b. Lateral wall of nose.

~~Ques:4~~

Give anatomical basis of –

2x2=4

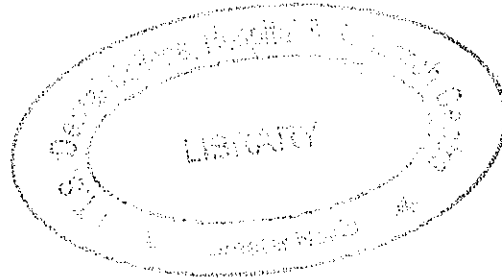
- a. Tongue deviates towards the paralysed side
- b. Severe infections of scalp are potentially dangerous.

~~Ques:5~~

Enumerate the following-

2x3=6

- ~~a.~~ Branches of subclavian artery
- ~~b.~~ Components of styloid apparatus
- c. Tributaries of internal Jugular Vein



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47, Knowledge Park-III, Greater Noida

BDS 1st Year (2014 Batch)

Subject: Human Anatomy

First Internal Assessment Examination

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

20.01.2015

Time: 3 hrs

M.M. – [70]

PART – A

- Q. 1** Discuss Thyroid Gland under the following headings – [8]
- a. Gross Anatomy
 - b. Relations
 - c. Blood supply
 - d. Nerve supply
 - e. Development
 - f. Applied Anatomy
- Q. 2** Describe digastrics triangle under the following headings – [8]
- a. Boundaries
 - b. Roof
 - c. Floor
 - d. Contents
 - e. Applied
- Q. 3** Write short notes on : 3X3=[9]
- a) Ansa Cervicalis
 - b) Notochord
 - c) Microanatomy of palatine tonsils
- Q. 4** Give the correct answers of the following multiple choice questions - 2X5=[10]
1. All of the following structures are derived from pharyngeal arch mesoderm except –
 - a. Stylomandibular ligament
 - b. Sphenomandibular ligament
 - c. Stylohyoid ligament
 - d. Anterior ligament of malleus
 2. All of the following muscle are innervated by facial nerve except –
 - a. Occipito frontalis
 - b. Anterior belly of digastric
 - c. Risorius
 - d. Procerus
 3. A 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
 4. The artery palpable under the mandible near the angle of jaw is –
 - a. Facial
 - b. Lingual
 - c. Maxillary
 - d. External carotid
 5. Elastic type of Cartilage is present in all except –
 - a. Cricoid Cartilage
 - b. Epiglottis
 - c. Cartilage of Auricle
 - d. Cartilage of Auditory tube



Contd

PART - B

Q. 5 Describe Cavernous Sinus under the following

[8]

- a) Gross Anatomy
- b) Relations
- c) Tributaries
- d) Communications
- e) Applied Anatomy

Q. 6 Describe Gross Anatomy, Relations, Blood supply, Nerve supply and Applied anatomy of Parotid gland.

[8]

Q. 7 Enumerate -

5X2=[10]

- a) Midline structures in the neck
- b) Tributaries of IJV
- c) Structures pierced by parotid duct
- d) Structures forming floor of Carotid triangle
- e) Derivatives of pharyngeal pouches

Q. 8 Explain why -

3X3=[9]

- a) Wounds of Scalp gape
- b) Enlargement of thyroid gland results in dyspnoea and dysphagia
- c) Loose connective tissue layer of the scalp is called as Dangerous area of scalp

