

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

47, Knowledge Park-III, Greater Noida

Third Internal Assessment Examination

BDS 1st year (2017 Batch)

Subject : Human Anatomy

Time : 3 hrs

Date : 03.10.2018

M.M: 70

- All questions are compulsory
- Use separate sheet for Part A and Part B
- Draw a well labelled diagram wherever necessary

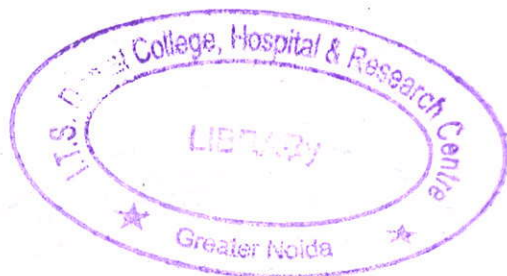
PART - A

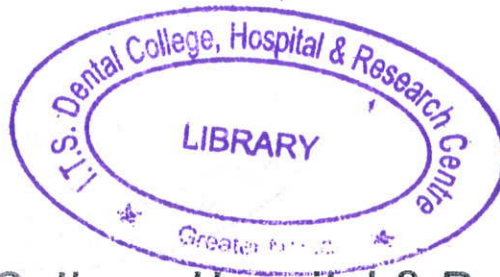
- Q. 1 Describe the hypoglossal nerve under following headings – [8]
a. Functional components and origin
b. Courses and relations
c. Branches and distribution
d. Applied Anatomy
- Q. 2 Describe briefly - [2X4=8]
a. Cavernous sinus
b. Pterygopalatine ganglion
- Q. 3 Write short notes on - [3X3=9]
a. Congenital anomalies of face
b. Movement of temporomandibular joint
c. Cervical plexus
- Q. 4 Write the correct answer of the following multiple choice questions : [2X5=10]
A) Structure passing through foramen rotundum is -
i. Mandibular nerve ii. Maxillary nerve
iii. Middle meningeal artery iv. Lesser petrosal nerve
B) Nerve of 1st pharyngeal arch is -
i. Facial nerve
ii. Mandibular nerve
iii. Vagus nerve
iv. Glossopharyngeal nerve
C) All the muscles of tongue are supplied by hypoglossal nerve except –
i. Genioglossus
ii. Hypoglossus
iii. Palatoglossus
iv. Styloglossus
D) Branches of vertebral artery in the cranial cavity except –
i. Meningial branch
ii. Post spinal artery
iii. Anterior spinal artery
iv. Thyrocervical trunk
E) All are the muscles of mastication except –
i. Temporalis
ii. Sternocleidomastoid
iii. Lateral pterygoid
iv. Medial pterygoid



PART – B

- Q. 5 Describe the parotid gland under following headings : [8]
a. Coverings and presenting parts
b. Structures passing through the gland
c. Nerve supply
d. Applied
- Q. 6 Describe briefly – [2X4=8]
a. Nasopharynx
b. Lymphatic drainage of tongue and correlation with the development of tongue
- Q. 7 Write short notes on - [3X3=9]
a. Microanatomy of tonsil
b. Movement of eye ball
c. Bell's palsy
- Q. 8 Write the correct answer of the following multiple choice question– [2X5=10]
A. Pseudostratified ciliated columnar epithelium is found in –
i. Lung alveoli
ii. Trachea
iii. Thyroid
iv. Stomach
B. The cervical fascia that forms the sheath of the parotid gland is the –
i. Investing layer
ii. Buccopharyngeal
iii. Pretracheal
iv. Prevertebral
C. The retromandibular vein is formed by maxillary vein and the –
i. Facial vein
ii. Transverse facial vein
iii. Posterior auricular vein
iv. Superficial temporal vein
D. The auditory tube opens in to which wall of middle ear –
i. Roof
ii. Floor
iii. Anterior wall
iv. Medial wall
E. The inferior meatus contains the opening of –
i. Maxillary sinus
ii. Nasolacrimal duct
iii. Sphenoid sinus
iv. Middle ethmoidal sinus





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

47, Knowledge Park- III, Greater Noida
1st TERM EXAM-HUMAN ANATOMY

Batch - 2018
26.11.2018

Note-

- a) Attempt All Questions.
- b) Attempt Part A and Part B in Separate sheet.
- c) Draw Diagrams' Wherever Necessary.

MM-70

Time-3 hours

PART A

35

Q.1 Describe the investing layer of deep cervical fascia in detail.

8

Q.2 Describe briefly-

4x2=8

- a) Contents of Digastric Triangle.
- b) Cleft lip.

Q.3 Write short notes on-

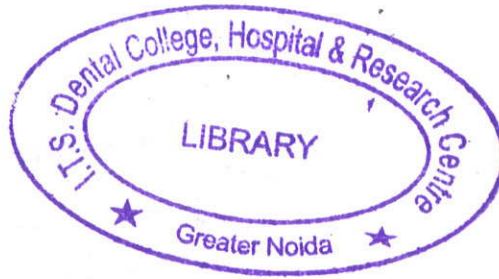
3x3=9

- a) Gomphosis.
- b) Dangerous area of face.
- c) Derivatives of 1st Pharyngeal Arch.

Q.4 Write the correct answer of the following MCQ's-

2x5=10

- a) Secretomotor fibers to Parotid Gland arises from
 - i) Sup. Salivatory Nucleus
 - ii) Inf. Salivatory Nucleus
 - iii) Lacrimatory Nucleus
 - iv) EdingerWestphal Nucleus
- b) All are Supra-Hyoid Muscles except
 - i) Stylohyoid
 - ii) Mylohyoid
 - iii) Geniohyoid
 - iv) Omohyoid
- c) Metopic Suture is present in-between two
 - i) Parietal Bone
 - ii) Frontal Bone
 - iii) Occipital Bone
 - iv) Temporal Bone
- d) The key muscle of Infra-Temporal fossa is
 - i) Temporalis
 - ii) Lateral Pterygoid
 - iii) Trapezius
 - iv) Masseter
- e) Sternocleidomastoid is supplied by
 - i) C2 & C3 Nerve
 - ii) Spinal Accessory Nerve
 - iii) Both i) & ii)
 - iv) Cranial Accessory Nerve



PART B

35
8

Q.5 Describe Parotid Gland under the following headings-

- a) Gross Anatomy and its coverings.
- b) Relations of the Gland
- c) Stensen's Duct and Structures pierced by the duct
- d) Structures within the Gland
- e) Nerve Supply.

Q.6 Describe briefly-

- a) Maxillary A (1st and 2nd part)
- b) External Jugular V

4x2=8

Q.7 Write short notes on-

- a) AnsaCervicalis
- b) Buccinator Muscle
- c) Bell's Palsy

3x3=9

Q.8 Enumerate-

- a) Strap Muscles
- b) Branches of ECA
- c) Ligaments of TMJ

2x3=6

Q.9 Explain Why-

- a) Wounds of Scalp bleed profusely.
- b) Pinching of pimples in the dangerous area of face leads to Cavernous Sinus Thrombosis.

2x2=4