

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

47, Knowledge Park-III, Greater Noida

BDS 1<sup>st</sup> year

**2<sup>nd</sup> Internal Assessment Examination**

H. ANATOMY

Date : 07.01.2019

Note- 1. Attempt Part A and Part B in Separate copies.

2. Attempt all questions.

3. Draw diagrams where ever required.

Total Time-3 hours

MM-70

**PART A**

Q.1 Describe submandibular gland under the following headings-

8

- a) Gross Anatomy
- b) Relations
- c) Nerve Supply
- d) Applied Anatomy-Why stones are common in duct of submandibular gland.

Q.2 Describe Cavernous sinus under the following headings-

8

- a) Gross Anatomy
- b) Relations
- c) Communications and tributaries
- d) Applied Anatomy-explain how the dangerous area of face can lead to cavernous sinus thrombosis.

Q.3 Write short notes-

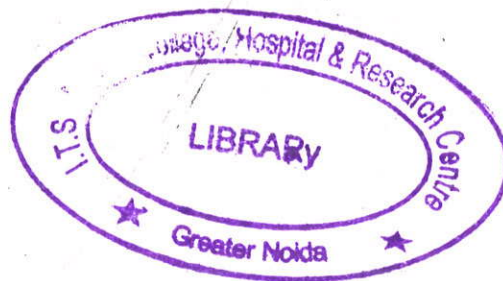
3x3=9

- a) Development of thyroid gland.
- b) Relations of Hyoglossus.
- c) Structures passing between muscles of lateral pharyngeal wall.

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

2x5=10

- 1) Lateral nasal process forms-
  - a) Nasal septum
  - b) Ala of nose
  - c) Premaxilla
  - d) Middle part of upper lip and premaxilla
- 2) Inferior thyroid artery is ligated near the gland to save-
  - a) Superior laryngeal N
  - b) Recurrent laryngeal N
  - c) Internal laryngeal N
  - d) External laryngeal N
- 3) Posterior belly of Digastric is supplied by-
  - a) Mandibular N
  - b) Facial N
  - c) Lingual N
  - d) Inferior alveolar N
- 4) Pituitary develops from-
  - i. Oral ectoderm
  - ii. Neuro ectoderm
  - iii. Oral endoderm
  - iv. Neural mesoderm
    - a) i and iii are correct
    - b) i and ii are correct
    - c) ii and iii are correct
    - d) iii and iv are correct
- 5) Structures passing through superior orbital fissure are all except-
  - a) Ophthalmic V
  - b) Optic N
  - c) Trochlear N
  - d) Nasociliary N



PART B

Q.1 Describe Palatine Tonsils under the following headings-

8

- e) Gross Anatomy
- f) Relations
- g) Arterial Supply
- h) Applied Anatomy-Why bleeding is common after tonsillectomy.

Q.2 Describe Tongue under the following headings-

8

- a) Gross Anatomy
- b) Muscles of Tongue-describe the extrinsic muscles in detail.
- c) Lymphatic drainage
- d) Applied Anatomy-Correlate the nerve supply of Tongue with its development.

Q.3 Describe briefly-

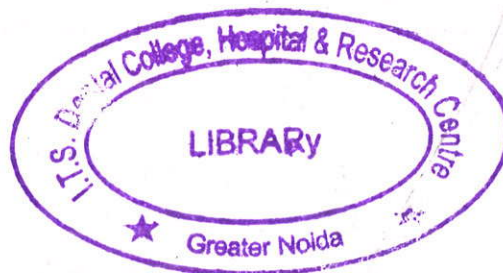
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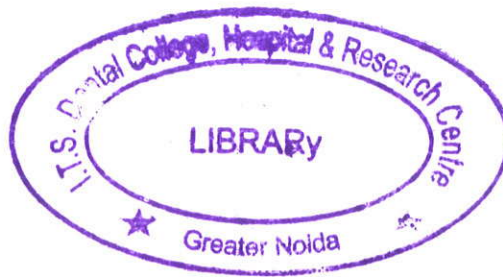
- a) Maxillary air sinus
- b) Waldeyer's ring
- c) Nasal Septum.

Q.4 Enumerate-

2x5=10

- a) Structures pierced by Stenson's duct.
- b) Laryngeal Cartilages and their type.
- c) Extra ocular muscles and their nerve supply.
- d) Structures opening in middle meatus of nose.
- e) Branches of maxillary artery in pterygopalatine fossa.





NAME-----

ROLL NO-----

ITS DENTAL COLLEGE AND RESEARCH CENTER, Gr NOIDA

HUMAN ANATOMY-3<sup>rd</sup> INTERNAL ASSESMENT EXAMINATION BDS 2018

16/08/2019

**INSTRUCTIONS**

1. DO NOT USE MOBILE PHONES / CHEATING MATERIALS DURING EXAMS.
2. DO NOT USE WASHROOMS IN FIRST & LAST HALF HOURS OF EXAMINATIONS.
3. MAXIMUM 5 MINUTES WILL BE ALLOWED TO USE THE WASHROOM. ENTRY MUST BE MADE IN TIME IN & OUT SHEET AVAILABLE AT INVIGILATOR DESK.
4. DO NOT WRITE ANYTHING ON THE PAPER EXCEPT YOUR NAME & ROLL NO.
5. PLEASE HANDOVER THE ANSWER SHEETS TO INVIGILATOR BEFORE LEAVING EXAMINATION ROOM.

**NOTE-**

1. ATTEMPT PART A and PART B IN SEPARATE SHEETS.
2. ALL QUESTIONS ARE COMPULSORY.
3. DRAW DIAGRAMS WHERE EVER NECESSARY.

**TIME-3 HOURS  
MM-70**

**PART A**

**35**

**Q.1 Describe the Mandibular Nerve under the following headings-**

**8**

- a) Nucleus and Functional Column
- b) Course and Relations
- c) Branches and Distribution
- d) Applied Anatomy

**Q.2 Describe the development of Face. Write briefly about the Anomalies.**

**8**

**Q.3 Write short notes on-**

**3X3=9**

- a) Deep Cervical group of Lymph Nodes
- b) Micro anatomy of Liver (Diagram only)
- c) Inferior Constrictor Muscle

Q.4 Write the correct answer of the following MCQs-

2x5=10

a) Lymphatic drainage of Submandibular Gland is-

- i) Jugulo-digastric LN
- ii) Jugulo-omohyoid LN
- iii) Submental LN
- iv) Pre-auricular LN

b) Tensor tympani muscle is supplied by-

- i) Maxillary N
- ii) Mandibular N
- iii) Glossopharyngeal N
- iv) Facial N

c) Tonsillar A is a branch of-

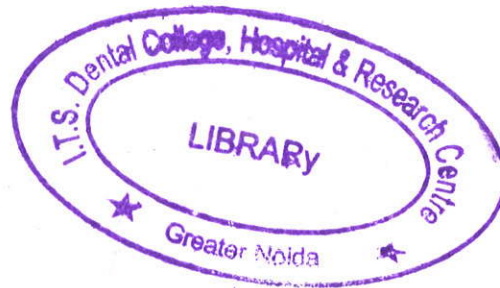
- i) Ophthalmic A
- ii) Lingual A
- iii) Facial A
- iv) Ascending pharyngeal A

d) All of the following structures pass through superior orbital fissure except-

- i) Frontal N
- ii) Oculomotor N
- iii) Abducent N
- iv) Optic N

e) The skin at the angle of the mandible is supplied by-

- i) Facial N
- ii) Mandibular N
- iii) Great auricular N





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