

B.D.S.- I Prof.

5135(N)

B.D.S. Supply. &amp; Main

Examination, Feb. - 2022

Human Anatomy, Embryology, Histology &amp;

Medical Genetics

[ BDS-01 (N) ]

Time : Three Hours ]

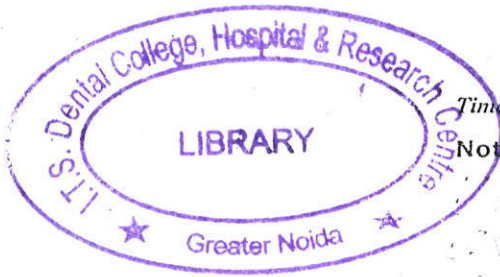
[Maximum Marks : 70

Note: Attempt all questions of Part-I and Part-II. Use separate copy for Part-I and Part-II.

## Part - I

1. Describe the facial nerve under the following headings. 8
  - (a) Functional component of Nuclei
  - (b) Course and Relation
  - (c) Branches and Distribution
  - (d) Applied Anatomy
2. Describe development of Tongue. 8
3. Write short notes on : 3×3=9
  - (a) Microanatomy of Lymph node.
  - (b) Otic ganglion
  - (c) Masseter muscle
4. Write correct answer of the following MCQS: 2×5=10
  - (i) The ligament of Berry fixes the thyroid gland to:
    - (a) Thyroid cartilage
    - (b) Cricoid cartilage
    - (c) Fixed tracheal Ring
    - (d) Hyoid Bone
  - (ii) The safety muscle of Tongue is
    - (a) Intrinsic
    - (b) Hyoglossus
    - (c) Genioglossus
    - (d) Styloglossus
  - (iii) Common carotid Artery bifurcates at:
    - (a) Upper border of cricoid
    - (b) Upper border of Thyroid
    - (c) Lower border of Thyroid
    - (d) None of the above
  - (iv) Nasolacrimal duct open in:
    - (a) Superior meatus
    - (b) Middle meatus
    - (c) Inferior meatus
    - (d) highest meatus

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- (v) Most deep structure in Parotid gland is
- (a) Retromandibular vein
  - (b) External carotid Artery
  - (c) Facial nerve
  - (d) All of the above

Part - II

Describe the Temporomandibular Joint under the following headings. 8

- (a) Type of Joint and ligaments of joint
- (b) Relations of Joint
- (c) Movements of Joint and muscles producing the movements
- (d) Applied Anatomy

2. Describe the gross anatomy of Soft Palate. 8

3. Write short notes on: 3×3=9

- (a) Microanatomy of Thyroid gland
- (b) Carotid Triangle
- (c) Spermatogenesis

4. Write the correct answer of following MCQ's: 2×5=10

(i) Structures opening in middle meatus are

- (a) Maxillary sinus
- (b) frontal sinus
- (c) Middle and anterior ethmoidal sinus
- (d) All of the above

(ii) Anterior belly of digastric is supplied by

- (a) Mandibular nerve
- (b) Facial nerve
- (c) Greater auricular Nerve
- (d) Occipital nerve

(iii) Largest Tonsil is

- (a) Tubal tonsil
- (b) Palatine Tonsil
- (c) Retropharyngeal tonsil
- (d) Lingual tonsil

(iv) Injury to 8th cranial nerve may lead to loss of

- (a) Taste sensation
- (b) Touch sensation
- (c) Equilibrium sensation
- (d) Pressure sensation

(v) Ducts of Sublingual glands are called

- (a) Wharton's duct
- (b) Stensen's duct
- (c) duct of Rivinus
- (d) None

