

5135 (N)**B.D.S. Supply. & Main Examination,
Nov. - 2020****Human Anatomy, Embryology, Histology &
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 following headings: 08
 - (a) Functional column and Nuclei
 - (b) Course and Relations
 - (c) Branches and distribution
 - (d) Applied anatomy
 2. Describe Gametogenesis. 08
 3. Write short notes on: 3×3
 - (a) Microanatomy of Palatine tonsil.
 - (b) Pterygopalatine ganglion.
 - (c) Cleft lip and Cleft palate.
- P.T.O.**
4. Write correct answer of the following MCQs: 2×5=10
 - (i) All the following Cranial Nerves are pure Sensory "Except"
 - (a) Cranial Nerve I
 - (b) Cranial Nerve II
 - (c) Cranial Nerve VIII
 - (d) Cranial Nerve X
 - (ii) Nerve of 1st Pharyngeal Arch
 - (a) Facial Nerve.
 - (b) Mandibular Nerve
 - (c) Glossopharyngeal Nerve
 - (d) Vagus.
 - (iii) Foramen of Monro connects
 - (a) Lateral ventricle to third ventricle
 - (b) Both Lateral ventricles
 - (c) 3rd ventricle to 4th ventricle.
 - (d) Lateral to the 4th ventricle.
 - (iv) The tip of the Nose is supplied by:
 - (a) Maxillary Nerve
 - (b) Mandibular Nerve
 - (c) Ophthalmic Nerve
 - (d) Facial Nerve

5135 (N)/2

- (v) Which of the following is not a branch of External carotid artery.
- (a) Superior thyroid artery
 - (b) Lingual artery
 - (c) Ascending pharyngeal artery
 - ~~(d) Inferior thyroid artery~~

Part-II

1. Describe Scalp under following headings: 08
- (a) Layers
 - (b) Nerve Supply
 - (c) Arterial Supply
 - (d) Applied Anatomy
2. Describe the Carotid triangle. 08
3. Write short notes on: $3 \times 3 = 09$
- ~~(a) Microanatomy of Tongue~~
 - ~~(b) Lateral wall of Nose~~
 - ~~(c) Muscles of Mastication~~
4. Write correct answer of following MCQ's. $2 \times 5 = 10$
- (i) Tip of the tongue drains into:
- (a) Occipital Lymph Node
 - ~~(b) Submental Lymph Node~~
 - (c) Deep Cervical Lymph Node
 - (d) Tonsillar Lymph Node

(ii) Incudomalleolar joint is a:

- (a) Ellipsoid joint
- ~~(b) Pivot joint~~
- (c) Hinge joint
- ~~(d) Saddle joint~~

(iii) Mastoid process is which type of Epiphysis:

- (a) Pressure
- ~~(b) Traction~~
- (c) Atavistic
- (d) Aberrant

(iv) Otic ganglion is related to which cranial nerve

- ~~(a) Glossopharyngeal~~
- (b) Vagus
- (c) Hypoglossal
- (d) Abducens

(v) Foramen of Magendie is the central opening of:

- (a) Lateral Ventricle
- ~~(b) 4th Ventricle~~
- ~~(c) 3rd Ventricle~~
- (d) All of the above

