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(20417)

Roll No.

B.D.S.-I Prof.

5135(N)

B.D.S. Supply. & Main Examination,

April - 2017

**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 hypoglossal Nerve under the headings of : 8
 - (a) Functional column and Nuclei
 - (b) Course and Relations
 - (c) Branches and distribution
 - (d) Applied Anatomy
2. Describe the investing layer of Deep cervical fascia. 8

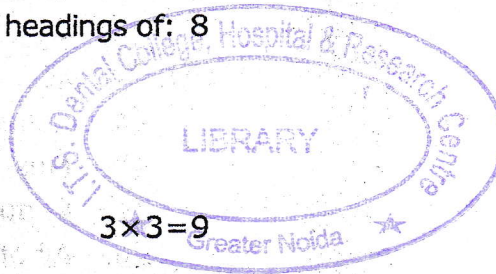
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3. Write short notes on: $3 \times 3 = 9$
- (a) Klumpke's paralysis
 - (b) Micro anatomy of Thyroid Gland (Diagrams only)
 - (c) Typical Intercostal Nerve
4. Write the correct answer of the following MCQs : $2 \times 5 = 10$
- (1) Safty Muscle of laxynx:
- (a) Cricothyrrord
 - (b) Transverse anytenoid
 - (c) Vocalis
 - (d) Posterior crico-anytenoid
- (2) Infra orbital N. is a branch/continuation of -
- (a) Mandibular N.
 - (b) Maxillary N.
 - (c) Ophthalmic N.
 - (d) Optic N.
- (3) Floor of femoral triangle is formed by all except:
- (a) Iliacus
 - (b) Psoas Major
 - (c) Pectineus
 - (d) Sartorius

- (4) Superior Supra Renal Artery is branch of:
- (a) Inferior phrenic Artery
 - (b) Abdominal Aorta
 - (c) Renal Artery
 - (d) All of the above
- (5) Structure passes superficial to flexor Retinaculum is:
- (a) Median N.
 - (b) Ulnar N.
 - (c) Radial N.
 - (d) Radial A.

Part - II

1. Describe the origin, insertion, action and Nerve supply of muscles of Mastication. 8
2. Describe the hip joint under the headings of: 8
 - (a) Formation
 - (b) Relations
 - (c) Movements
 - (d) Applied Anatomy
3. Write short notes on: $3 \times 3 = 9$
 - (a) Dangerous area of Face
 - (b) Microanatomy of Tonsil (diagrams only)
 - (c) Derivatives of IInd Pharyngeal Arch
4. Write the correct answers of following MCQs: $2 \times 5 = 10$
 - (1) Tonsillar Artery is a branch of :
 - (a) Ophthalmic Artery



- (b) Lingual Artery
 - (c) Facial Artery
 - (d) Occipital Artery
- (2) Secretomotor fibres for parotid Gland arises from:
- (a) Superior Salivatory Nucleus
 - (b) Inferior Salivatory Nucleus
 - (c) Lacrimal Nucleus
 - (d) Edinger-westphal Nucleus
- (3) Testis has the following coverings except-
- (a) Tunica adventitia
 - (b) Tunica vasculosa
 - (c) Tunica albuginea
 - (d) Tunica vaginalis
- (4) Tympanic membrane develops from-
- (a) Ectoderm
 - (b) Mesoderm
 - (c) Endoderm
 - (d) All of the above
- (5) Posterior division of obturator Nerve supplies all except-
- (a) Adductor Longus
 - (b) Adductor brevis
 - (c) Adductor magnus
 - (d) Obturator externus