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Roll No. 15

B.D.S. Ist Prof.

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B.D.S. Examination, 2005

PAPER-I

**General Human Anatomy
(BDS-01)**

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt **all** questions. Draw diagrams wherever required. All parts of one question should be answered continuously.

1. Describe Development, Gross Anatomy, Nerve Supply and Applied Anatomy of Tongue. 8
2. Enumerate the branches of External Carotid Artery. Discuss any one of its branches in detail. 8
3. Write short notes on the following : 3x3
 - (i) Bronchial arch
 - (ii) Draw labelled diagram of T.S. Medulla at the level of Fourth Ventricle?
 - (iii) Waldeyer's ring.

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4. Describe the Parotid Gland and the structure passes through its substance. 8
5. Describe the Mandibular Nerve in detail and write a note on its applied anatomy. 8
6. Write short notes on the following : 3x3
 - (i) Nerves of Scalp
 - (ii) Dental formula
 - (iii) Movements of Temporo-Mandibular Joint. 10

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BDS I Prof.

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B. D. S. Examination, March 2005

Paper I

**General Human Anatomy including Embryology,
Osteology and Histology**

Time : Three Hours {Maximum Marks : 50

Note : Attempt all questions. Draw diagrams wherever required. All parts of one question should be answered continuously.

1. Describe origin, course, relations, distribution and effects of injury of the mandibular nerve.
 $2 \times 5 = 10$
2. Give the nerve supply and one action of the following muscles :
 $1 \times 10 = 10$
 - (a) Buccinator
 - (b) Sternocleidomastoid
 - (c) Rectus abdominis

(2)

- (d) Psoas major
- (e) Supraspinatus
- (f) Levator ani
- (g) Pronator teres
- (h) Adductor pollicis
- (i) Pectoralis minor
- (j) Serratus anterior.

3. Draw labelled diagrams to illustrate the following
(description is not required) : $2 \times 5 = 10$

- (a) Parts of humerus
- (b) Microscopic anatomy of skin
- (c) Microscopic anatomy of the lymph node.
- (d) Distribution of lingual papillae.
- (e) Parts of the pharynx.

4. Explain the following : $2 \times 5 = 10$

- (a) Root pain
- (b) Dermatome
- (c) Diaphragm
- (d) Gastro-oesophageal reflux
- (e) Diplopia.

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5. Write short notes on the following : $2 \times 5 = 10$

- (a) Development of the tongue
- (b) Fate of the sinus venosus
- (c) Taste bud
- (d) Features of the right atrium
- (e) Differences between the small and large intestine.

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