

No. of Printed Pages : 06

BDS 101

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 2101

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BDS Examination Dec. 2016

(First Professional)

**GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY**

Time : 3 Hours] [Maximum Marks : 70

- Note :-** (i) Attempt all questions in sequence.
(ii) Draw well labelled diagrams wherever required.

1. (I) Tick the right answer : 5

- (a) Abductors of vocal cord :
- (i) Transverse Arytenoid
 - (ii) Oblique Arytenoid
 - (iii) Posterior Cricoarytenoid
 - (iv) Lateral Cricoarytenoid
- (b) Muscles not supplied by pharyngeal plexus:
- (i) Salpingo Pharyngeous

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- (ii) Palato Pharyngeous
- (iii) Thyro Pharyngeous
- (iv) Stylo Pharyngeous
- (c) Nasolacrimal duct opens into :
- (i) Middle meatus
- (ii) Superior meatus
- (iii) Sphenoethmoidal recess
- (iv) Inferior meatus
- (d) Gomphosis is a term used for :
- (i) Degenerative disease of gums
- (ii) Gingival attachment
- (iii) T. M. Joint
- (iv) Tooth root attachment to alveolar socket
- (e) Branches of external carotid artery :
- (i) Superior thyroid artery
- (ii) Middle meningeal artery
- (iii) Inferior alveolar artery
- (iv) Superior alveolar artery

- (f) Nerve is not related to mandible :
- (i) Lingual nerve
- (ii) Nerve to mylohyoid
- (iii) Mental nerve
- (iv) Buccal nerve
- (g) Unpaired cranial venous sinus is :
- (i) Sigmoid venous sinus
- (ii) Occipital venous sinus
- (iii) Transverse venous sinus
- (iv) Cavernous sinus
- (h) Nerve to medial pterygoid does not supply :
- (i) Medial pterygoid muscle
- (ii) Tensor tympani
- (iii) Tensor of vocal cord
- (iv) Tensor Palatine
- (i) Muscle is not innervated by ansacervicacis:
- (i) Sternohyoid
- (ii) Sternothyroid

- (iii) Omohyoid
- (iv) Stylohyoid
- (j) Skin over angle of mandible is supplied by :
 - (i) Auriculo temporal nerve
 - (ii) Marginal mandibular nerve
 - (iii) Cervical branch of facial nerve
 - (iv) Great auricular nerve

(II) Fill in the blanks : 5

- (a) Opening of auditory tube in the wall of middle ear.
- (b) All the derivatives of first pharyngeal mesoderm are supplied by nerve.
- (c) Hassal's corpuscles are characteristic feature of
- (d) Superior oblique muscle is supplied by nerve.
- (e) Spinal root of accessory nerve supplies and muscle.
- (f) Sphenoidal air sinus opens in nasal cavity.

- (g) All thyroid swelling moves with deglutition because the thyroid is attached to the by the
- (h) During thyroidectomy inferior thyroid artery is ligated away from thyroid gland to save
- (i) Posterior horizontal fibres of the temporalis muscle responsible for of mandible.
- (j) Epithelium posterior 1/3rd of tongue is supplied by nerve because it is derived from branchial arch.

2. Write short notes on : 10

- (a) Middle meningeal artery
- (b) Maxillary nerve

3. Draw a neat well labeled diagram of : 10

- (a) Superficial relations of hyoglossus muscles
- (b) Medial wall of middle ear

4. Write short notes on : 10

- (a) Sensory nerve supply of face

- (b) Otic ganglia
- 5. Describe in brief : 10
 - (a) Lavernous sinus
 - (b) Palatime tonsil
- 6. Describe thyroid gland and its development. 10
- 7. Describe muscles of mastication. 10
