

No. of Printed Pages : 05

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

PAPER ID : 2101Roll
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BDS Examination August, 2017**(First Professional)****GENERAL ANATOMY INCLUDING
EMBRYOLOGY AND HISTOLOGY****Time : 3 Hours]****[Maximum Marks : 70**

Note :- Answer all the questions in the same serial order.
Make neat, coloured, well labelled diagrams
where necessary.

1. Multi choice questions : 10

(I) Fill in the blanks : 2½

(a) Trochlear nerve is attached to
aspect of brain.

(b) Thyroid is an gland.

(c) Skin develops from and

[P. T. O.

(d) Maxillary nerve passes through
foramen.

(e) Optic nerve is a nerve of

(II) Mark true (T) or false (F) : $2\frac{1}{2}$

- (a) Parotid gland is supplied by otic ganglion.
- (b) Facial nerve supplies all the muscles of face.
- (c) Trigeminal nerve is motor.
- (d) Barr bodies found in all cells of human.
- (e) Red blood cells have nucleus.

(III) Choose correct answer and tick (✓) : $2\frac{1}{2}$

- (a) Mandibular nerve supplies :
 - (i) Facial muscles
 - (ii) Pharyngeal muscles
 - (iii) Muscles of mastication
 - (iv) Palatal muscles

(b) Nerve of special sense is :

- (i) Facial nerve
- (ii) Optic nerve
- (iii) Oculomotor nerve
- (iv) Trochlear nerve

(c) Lacrimal gland is supplied by :

- (i) Otic ganglion
- (ii) Pterygo Palatine ganglion
- (iii) Ciliary ganglion
- (iv) Sub-mandibular ganglion

(d) Brain is supplied by :

- (i) External carotid artery
- (ii) Common carotid artery
- (iii) Internal carotid artery
- (iv) Maxillary artery

(e) Mandible ossifies from :

- (i) Cartilage
- (ii) Membrane
- (iii) Membrane and Cartilage
- (iv) None of the above

(IV) Match the muscles of the orbit listed on the left with the appropriate nerve supply listed on the right :

Column A

Column B

- | | |
|----------------------------------|----------------------|
| (i) Levator palpebrae superioris | (a) Facial nerve |
| (ii) Inferior oblique | (b) Trochlear nerve |
| (iii) Lateral rectus | (c) Trigeminal nerve |
| (iv) Superior oblique | (d) Oculomotor nerve |
| (v) Orbicularis oculi | (e) Abducent nerve |

2. Describe tongue under following heads :

- (a) Muscles of tongue
- (b) Blood supply and nerve supply

3. Write short notes on :

- (a) Maxillary sinus
- (b) Otic ganglion

4. Make diagrams of :

- (a) Structure of tooth
- (b) Sensory nerve supply of face

5. Write short notes on :

- (a) Ophthalmic artery
- (b) Accessory nerve

6. Describe mandibular nerve.

7. Enumerate the branches of :

- (a) External carotid artery
- (b) Facial nerver
