



MCJ-21258 Seat No. _____
First Year B.D.S Examination
January – 2017
Human Anatomy

Time : Hours]

[Total Marks : 70

- Instructions :** (1) Digits on the right side indicate marks.
(2) Draw diagrams where necessary.

SECTION-I

- 1** Describe the gross & applied anatomy of Lateral wall of nose. **10**

OR

- 1** Deep Cervical fascia. **10**

- 2** SHORT NOTES : (ANY TWO) **10**

- (a) Facial artery
- (b) Parotid gland
- (c) Movements of temporomandibular joint.

- 3** (1) WRITE SHORT NOTES : (ANY TWO) **10**

- (a) Sternocleidomastoid muscle
- (b) Facial nerve
- (c) Cavernous sinus.

- (2) ANSWER IN ONE SENTENCE : (ANY FIVE) 5
- (a) Enumerate suprahyoid muscles
 - (b) What is ansa cervicalis ?
 - (c) What is pterion? Give its applied significance
 - (d) Which layer of scalp is known as a dangerous layer ? Why ?
 - (e) What is trigeminal neuralgia ?
 - (f) Name the terminal branches of internal carotid artery.

SECTION - II

- 4 DESCRIBE BRIEFLY : (ANY TWO) 10
- (a) Fertilization
 - (b) Derivatives of 1st pharyngeal arch
 - (c) Gastrulation.
- 5 SHORT NOTES : (ANY TWO) 10
- (a) Digestive system **OR** Male reproductive system.
 - (b) Muscles of front of forearm with nerve supply **OR** Cubital fossa
 - (c) Muscles back of leg with nerve supply **OR** Femoral triangle
- 6 (1) WRITE SHORT NOTES ? (ANY TWO) 10
- (a) Histology of skeletal muscle **OR** Histology of hyaline cartilage
 - (b) Histology of lung **OR** Histology of spleen
 - (c) Heart **OR** Movements of respiration
- (2) ANSWER THE FOLLOWING : (ANY FIVE) 5
- (a) What is karyotyping ?
 - (b) What is gene?
 - (c) Name the cytotrine glands
 - (d) What is urothelium? Give examples
 - (e) Give two examples of traction epiphyses
 - (f) Give two examples of sesamoid bones.