



JA-21258

Seat No. _____

First Year B. D. S. Examination

July - 2019

**General Human Anatomy Including
Embryology & Histology**

Time : **3 Hours**]

[Total Marks : **70**

- Instructions :** (1) Use separate answer book for each section.
(2) Draw the diagram where necessary.

SECTION - I

- 1** Describe the gross and applied anatomy of Muscles of mastication. **10**

OR

- 1** Describe the gross and applied anatomy of Maxillary artery. **10**

- 2** Write Short Notes : (Any **Two**) **10**

- (1) Muscles of Larynx
(2) Facial Nerve
(3) Ligaments of Temporo-mandibular joint

- 3** (A) Write Short Notes : (Any **Two**) **10**

- (1) Mandibular nerve
(2) Commissural fibers
(3) Basal ganglia

- (B) Answer in one sentence : (Any **Five**) **5**

- (1) Which is dangerous layer of scalp ?
(2) What is Waldeyer's lymphatic ring ?
(3) Which muscle is attached to stapes ?
(4) Define Osteoclasts.
(5) Name the types of Astrocytes.
(6) Define Association fibers.

SECTION - II

- 4 Write Short Notes : (Any **Two**) **10**
- (1) Fertilization
 - (2) Derivatives of 2nd Pharyngeal arch
 - (3) Development of Tongue
- 5 Write Short Notes : (Any **Two**) **10**
- (1) Gross anatomy of kidney OR Gross anatomy of testis
 - (2) Nerves of upper limb OR Muscles of arm
 - (3) Vessels of lower limb OR Muscles of thigh
- 6 (A) Write Short Notes : (Any **Two**) **10**
- (1) Gross anatomy of heart OR Gross anatomy of lungs
 - (2) Classification of glands OR Histology of bone
 - (3) Histology of oesophagus OR Histology of pancreas
- (B) Answer in one sentence (Any **Five**) **5**
- (1) Define Mendelism.
 - (2) Define Meiosis.
 - (3) What is Pseudostratification ?
 - (4) What are Microvilli ?
 - (5) What are dendritic cells of Langerhans ?
 - (6) Define Anatomy.
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