



**PAA-21258**

Seat No. \_\_\_\_\_

**First Year B. D. S. Examination**

**July - 2020**

**General Human Anatomy Incl.**

**Embryology & Histology**

**(New Course)**

Time : 3 Hours]

[Total Marks : 70

**Instructions :**

- (1) Write each section in separate Answerbook.
- (2) Draw diagrams wherever necessary.

**SECTION - I**

1 Describe gross anatomy and applied anatomy of Scalp. 5+5=10

**OR**

1 Enumerate the boundaries of Digastric Triangle 3+3+4=10  
and Carotid Triangle. Describe in details Carotid  
Triangle.

2 Write Short Notes : (any two) 10

- (a) Facial Nerve
- (b) Sternocleidomastoid Muscle
- (c) Submandibular Salivary Ganglion

3 (a) Write Short Notes on : (any two) 10

- (i) Cavernous Sinus
- (ii) Boundaries of Middle Ear Cavity
- (iii) Nerve supply of Tongue and its applied anatomy.

(b) Answer in one sentence : (any five) 5

- (i) Name the safety muscle of Larynx. Why ?
- (ii) What is Epistaxis ?
- (iii) Name the air sinuses opening in middle meatus.
- (iv) What is Killian's Dehiscence ?
- (v) Name the functional components of Glossopharyngeal Nerve.
- (vi) Name the elevators of Temporomandibular Joint.

## SECTION - II

- 4 Describe briefly : (any **two**) **10**
- (a) Spermato Genesis
  - (b) Effects of Fertilization
  - (c) Derivatives of Second Branchial Arch.
- 5 Write short notes on : (any **two**) **10**
- (a) Boundaries and contents of Femoral Triangle
  - (b) Branchial Plexus
  - (c) Right Atrium
- 6 (a) Write Short Notes on : (any **two**) **10**
- (i) Classification of Synovial Joints
  - (ii) Histology of Hyaline Cartilage
  - (iii) Down's Syndrome
- (b) Answer in one sentence : (any **five**) **5**
- (i) Give two examples of Sesamoid Bone.
  - (ii) Define Anastomosis.
  - (iii) Name two sites where non keratinized stratified Squamous epithelium is present
  - (iv) Name the cells of Islets of Langerhans.
  - (v) What is Neurulation ?
  - (vi) Draw a neat and clean diagram of Tooth.
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