



**JBT-21258**

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

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

**January - 2020**

**General Human Anatomy Including  
Embryology And Histology**

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Write each section in separate answer book.  
(2) Draw figure wherever necessary.  
(3) Figure on right indicate marks.  
(4) Attend all the questions.

**SECTION - I**

- 1 Describe muscles of larynx with applied anatomy. **10**
- OR**
- 1 Describe Posterior triangle of neck with applied anatomy. **10**
- 2 Write short notes on : (Any Two) **10**
- (a) Auditory tube
  - (b) Lateral pterygoid muscle
  - (c) Layers of scalp
- 3 (A) Write short notes on : (Any Two) **10**
- (a) Tympanic membrane
  - (b) Otic ganglion
  - (c) Cavernous sinus
- (B) Answer in one sentence : (Any Five) **5**
- (a) What is the nerve supply of oblique muscles of eye-ball?
  - (b) (i) Inflammation of eye-lid is called as \_\_\_\_\_.
  - (ii) Inflammation of middle ear is called as \_\_\_\_\_.
  - (c) What is ansa cervicalis ?
  - (d) What is Horner's syndrome ?
  - (e) Enumerate structures passing through: Jugular foramen of skull.
  - (f) What is Papilledema ?

## SECTION - II

- 4 Describe briefly : (Any **Two**) **10**  
(a) Neurulation  
(b) Second pharyngeal arch  
(c) Development of palate
- 5 Write short notes on : (Any **Two**) **10**  
(a) Lesser sac  
(b) First carpo-metacarpal joint  
(c) Medial longitudinal arch of foot
- 6 (A) Write short notes on : (Any **Two**) **10**  
(a) Cells of connective tissue  
(b) Histology of tongue  
(c) Interior of right atrium
- (B) Answer the following : (Any **Five**) **5**  
(a) What is non-dis-junction ?  
(b) Define : Karyotype  
(c) What is metaplasia ?  
(d) Draw and label : A serous acinus.  
(e) Define : Anastomosis  
(f) Give two examples of sesamoid bone.
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