



**BP-M20171**

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

**First Year M. B. B. S. Examination**

**March - 2021**

**Head & Neck, Upper Limb, Neuroanatomy, General Histology &  
General Embryology, General Anatomy, Aetcom : Paper - I  
(New Course)**

Time : 3 Hours]

[Total Marks : 100

**SECTION-I**

- 1 Give correct answer of multiple choice questions. **6**
- (1) Not supplied by facial nerve
    - (A) Anterior belly of digastric
    - (B) Posterior belly of digastric
    - (C) Stapedius
    - (D) (B) and (C)
  - (2) Abductor of larynx
    - (A) Anterior cricoarytenoid
    - (B) Posterior cricoarytenoid
    - (C) Lateral cricoarytenoid
    - (D) All
  - (3) No. of deciduous molar teeth
    - (A) 0 (B) 1
    - (C) 2 (D) 3
  - (4) Saddle joint
    - (A) Sternoclavicular (B) Calcaneocuboidal
    - (C) 1<sup>st</sup> carpometacarpal (D) All
  - (5) Which one is wrong ?
    - (A) Telencephalon-frontal lobe
    - (B) Mesencephalon-midbrain
    - (C) Rhombencephalon-thalamus
    - (D) Diencephalon-Metathalamus
  - (6) Sensory supply of tongue
    - (A) 5<sup>th</sup> and 7<sup>th</sup> (B) 9<sup>th</sup> and 10<sup>th</sup>
    - (C) (A) and (B) (D) 12<sup>th</sup>

2 Describe in detail about middle ear cavity. 12

**OR**

Describe in detail about submandibular gland.

3 (a) Write short notes on : (any **two**) 12

- (1) External carotid artery
- (2) Extra ocular muscles of eye ball.
- (3) Sub occipital triangle

(b) Write short notes on : (any **two**) 12

- (1) Draw and label T/S of mid brain at the level of superior and inferior colliculi.
- (2) Floor of 4<sup>th</sup> ventricle of brain.
- (3) Nuclei and functions of hypothalamus.

4 Answer in brief : (any **four**) 8

- (1) Branches of mandibular nerve.
- (2) Draw and label openings of paranasal sinuses in lateral wall of nose.
- (3) Draw and label pathway of pyramidal tract.
- (4) Name neuroglia and its functions.
- (5) Histology of thyroid gland.

## SECTION-II

5 Give correct answer of multiple choice questions : 6

- (1) Saturday night palsy related to
  - (A) Radial nerve
  - (B) Median nerve
  - (C) Ulnar nerve
  - (D) None
- (2) Contents of cubital fossa
  - (A) Radial nerve
  - (B) Median nerve
  - (C) Ulnar nerve
  - (D) (A) and (B)
- (3) Which one is not in flexor compartment ?
  - (A) Pronator teres
  - (B) Flexor carpi radialis
  - (C) Brachioradialis
  - (D) Flexor carpi ulnaris
- (4) Morula is .....
  - (A) 2 cell stage
  - (B) 4 cell stage
  - (C) 8 cell stage
  - (D) 16 cell stage

- (5) At the end of meiosis numbers of cells are :  
(A) 2 (B) 4  
(C) 6 (D) 8
- (6) True about epithelium  
(A) Cell rich epithelium (B) Avascular  
(C) Highly vascular (D) (A) and (B)
- 6** Describe in detail about Brachial plexus. **12**
- OR**
- Describe in detail about Cervical plexus.
- 7** (a) Write short notes on : (any **two**) **12**  
(1) Microscopic structures of compact bone.  
(2) Fibers of connective tissue  
(3) Red and white pulp of spleen.
- (b) Write short notes on : (any **two**) **12**  
(1) Umbilical cord  
(2) Formation of tertiary villi  
(3) Differences between mitosis and meiosis.
- 8** Answer in brief : (any **four**) **8**  
(1) Define fertilization and its results.  
(2) Characteristic of sesamoid bone.  
(3) Explain : Cadaver is 1<sup>st</sup> teacher and 1<sup>st</sup> patient.  
(4) What do you mean by collie's fracture.  
(5) Muscles arises from common extensor origin.
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