

Enrolment No.

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BDS

1st YEAR EXAMINATION

GENERAL HUMAN ANATOMY INCLUDING EMBRYOLOGY, OSTOLOGY AND HISTOLOGY

Time : 3 Hours]

[Max. Marks : 70

Note: The question paper is divided into two Sections A & B. Attempt all questions as per instructions. Draw diagram to support your answer, wherever necessary. Attempt both the parts in separate answer sheets.

SECTION-A

- Describe the articular surfaces, ligaments, movements, arterial supply, nerve supply and applied aspect of temporo-mandibular joint? [10]
- Write short notes on: [4x3=12]
 - Development of tongue.
 - Spermatogenesis.
 - Microanatomy of Thyroid gland.
- Describe briefly: [4x2=8]
 - Lateral wall of nose.
 - Carotid triangle.
- Enumerate only: [5x1=5]
 - Layers of Scalp.
 - Structures passing through Foramen Ovale.
 - Structures on medial wall of middle ear
 - Paired Dural venous sinuses.
 - Branches of Mandibular Nerve.

SECTION-B

- Enumerate Ascending and descending tracts. Describe briefly the Spino-thalamic Tract? [10]
- Write short notes on: [4x3=12]
 - Pterygopalatine Ganglion.
 - Dangerous area of face.
 - Lumbar puncture.
- Draw well labeled diagram only: [5x2=10]
 - Circle of Willis.
 - T.S of Pons at the level of Facial colliculus.
- Enumerate the following: [3x1=3]
 - Functional components of facial nerve.
 - Structures passing through superior cerebellar peduncle.
 - Nuclei of thalamus.

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HUMAN ANATOMY INCLUDING EMBRYOLOGY AND HISTOLOGY

Time : 3 Hours]

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NOTE: The question paper is divided into two Sections A and B. Attempt all the questions as per instructions. Draw well labelled diagrams wherever necessary. Attempt both the parts in separate answers sheets.

SECTION-A

1. Describe functional components, course and relations, branches and its distributions along with the applied aspects of Facial Nerve. (10 marks)
2. Write short notes on: (4x3=12 marks)
 - (a): Spermatogenesis.
 - (b): Microanatomy of Compact Bone.
 - (c): Nerve supply of Tongue.
3. Describe briefly: (4x2=8 marks)
 - (a): Pterygopalatine ganglion.
 - (b): Cavernous Sinus.
4. Enumerate Only: (5x1=5 marks)
 - (a): Muscles of 1st pharyngeal arch.
 - (b): Layers of Scalp.
 - (c): Branches of Mandibular Nerve.
 - (d): Muscles of Mastication.
 - (e): Extra Ocular Muscles.

SECTION-B

1. Enumerate the ascending and Descending Tracts. Write in detail about the Corticospinal Tract. (10 marks)
2. Write short notes on: (4x3=12 marks)
 - (a): Fourth Ventricle of brain.
 - (b): Cartilaginous Joint.
 - (c): Microanatomy of Thyroid Gland.
3. Draw well labelled diagram only: (5x2=10 marks)
 - (a): Circle of Willis.
 - (b): Boundaries and Contents of Carotid Triangle.
4. Enumerate the following: (3x1=3 marks)
 - (a): Branches of External Carotid Artery.
 - (b): Attachment on Styloid Process of Temporal bone.
 - (c): Structures passing through Foramen Magnum.