

25/06/23

Printing Pages : 1

Paper Code : BDS-101
(B) (SVSU): 2022-2023/R/S

Enrollment No.

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BDS
1ST YEAR EXAMINATION
GENERAL HUMAN ANATOMY INCLUDING and
EMBRYOLOGY, OSTEOLOGY & HISTOLOGY
[Time : 03:00 Hours] [Max. Marks : 70]

Note: Attempt all questions as per instructions. Draw diagram to support your answer, wherever necessary.

Section - A

Q.1 Attempt Multiple Choice Questions. (in separate sheet). [10]

Q.2 Answer in short

[5x5=25]

- I Cavernous Sinus
- II Brown Sequard Syndrome
- III Difference between spermatogenesis and oogenesis.
- IV Pterygopalatine ganglion.
- V Transitional epithelium.

Section - B

Q.3 Answer in long

[10x2=20]

- I Describe the origin, course, relations, branching pattern and applied aspect of Facial Nerve?
- II Describe the boundaries, contents and applied aspect of Carotid Triangle?

Q.4 Write short notes on:

[5x3=15]

- I Movements of Temporo-mandibular joints.
- II Describe functional areas of the medial surface of cerebral hemisphere.
- III Anomalies of Placenta.

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Multiple Choice questions :

Time: 10 Minutes

Q. 1. (Write the correct option in the box in a separate sheet)

[01×10=10]

- | | |
|--|--|
| <p>I Lining epithelium of Ureter is:
 (a) Simple Squamous.
 (c) Simple Columnar</p> | <p>(b) Transitional
 (d) Simple Cuboidal.</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>II Intercalated disc is present in:
 (a) Cardiac Muscle.
 (c) Smooth Muscle.</p> | <p>(b) Skeletal Muscle.
 (d) :All</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>III Which of the following cranial muscle is Motor:
 (a) Trigeminal
 (c) Facial.</p> | <p>(b) Vagus.
 (d) Hypoglossal</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>IV Tip of the tongue is drains into:
 (a) Occipital lymph nodes
 (c) Deep Cervical lymph nodes.</p> | <p>(b) Submental lymph nodes.
 (d) Tonsillar lymph nodes</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>V Motor area of Brodman's is..... area:
 (a) 1
 (c) 5</p> | <p>(b) 4
 (d) 7</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>VI Which of the following Cranial nerve is not attached on Ponto-medullary junction:
 (a) 5th
 (c) 7th</p> | <p>(b) 6th
 (d) 8th</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>VII Facial artery is a branch of:
 (a) Internal Carotid Artery
 (c) External Carotid Artery</p> | <p>(b) Common Carotid Artery
 (d) None of the above</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>VIII Artery palpable at the anterior border of the Masseter is:
 (a) Superficial Temporal Artery
 (c) Lingual</p> | <p>(b) Facial
 (d) Maxillary</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>IX Cranial nerve which emerges from the dorsal surface of Brain is:
 (a) 2nd
 (c) 6th</p> | <p>(b) 4th
 (d) 7th</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |
| <p>X Anterior Belly of Digastric is supplied by:
 (a) Mandibular Nerve
 (c) Glossopharyngeal Nerve</p> | <p>(b) Vagus Nerve
 (d) Trochlear</p> <div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div> |

30-01-23

[illegible]

Note: Attempt all questions as per instructions. Draw diagram to support your answer, wherever necessary. Attempt Multiple Choice Questions. (in separate sheet).

- I Describe the origin, course, relations, branching pattern and applied aspect of Mandibular Nerve?
- II Describe the boundaries, contents and applied aspect of Posterior Triangle?
- III Enumerate Ascending and Descending tracts. Describe in detail about Cortico-spinal tract?
- IV Describe the Sulci, gyri and functional areas of superolateral surface of cerebral hemisphere?

- I Lumbar Puncture.
- II Describe the nerve supply of Scalp.
- III Difference between spermatogenesis and oogenesis.
- IV Otic ganglion.
- V Lateral Ventricle of Brain.
- VI Circle of Willis.
- VII Killian's Dehiscence

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Multiple Choice questions :

Time: 10 Minutes

Q. 1. (Write the correct option in the box in a separate sheet)

[01×15=15]

- I Lining epithelium of Urinary Bladder is:
 (a) Simple Squamous. (b) Transitional
 (c) Simple Columnar (d) Simple Cuboidal.
- II In which of the following muscle the nucleus is peripheral and multinucleate:
 (a) Cardiac Muscle. (b) Skeletal Muscle.
 (c) Smooth Muscle. (d) All
- III Which of the following cranial nerve is not mixed:
 (a) Trigeminal (b) Vagus.
 (c) Facial. (d) Hypoglossal
- IV Tip of the tongue drains into:
 (a) Occipital lymph nodes (b) Submental lymph nodes.
 (c) Deep Cervical lymph nodes. (d) Tonsillar lymph nodes
- V Motor area of Brodman's is area:
 (a) 1 (b) 4
 (c) 5 (d) 7
- VI Which of the following Cranial nerve is attached on Ventral surface of Pons:
 (a) 5th (b) 6th
 (c) 7th (d) 8th
- VII Lingual artery is a branch of:
 (a) Internal Carotid Artery (b) Common Carotid Artery
 (c) External Carotid Artery (d) None of the above
- VIII Which of the following is not a part of brainstem:
 (a) Pons (b) Midbrain
 (c) Medulla (d) Cerebrum
- IX Cranial nerve which emerges from the dorsal surface of Brain is:
 (a) 2nd (b) 4th
 (c) 6th (d) 7th
- X Anterior Belly of Digastric is supplied by:
 (a) Mandibular Nerve (b) Vagus Nerve
 (c) Glossopharyngeal Nerve (d) Trochlear
- XI Stapedius Muscle is supplied by.....Nerve:
 (a) Facial (b) Vagus
 (c) Glossopharyngeal (d) Trochlear

[P.T.O.]

XII Cranial part of Accessory nerve supplies all palatal muscles except:

- | | |
|------------------------|---------------------------|
| (a) Palatoglossus | (b) Palato-pharyngeus |
| (c) Tensor veli palati | (d) Levator veli palatini |

XIII All are supplied by Ansa Cervicalis except:

- | | |
|-----------------|--------------------------------|
| (a) Thyrohyoid | (b) Sternothyroid |
| (c) Sternohyoid | (d) Inferior Belly of Omohyoid |

XIV Horner's Syndrome occurs due to pressure on;

- | | |
|-----------------------|------------------------------|
| (a) Stellate ganglion | (b) Celiac ganglion |
| (c) Spinal cord | (d) Parasympathetic ganglion |

XV Palatine Tonsils develops from which Pharyngeal pouch:

- | | |
|---------------------|---------------------|
| (a) 1 st | (b) 2 nd |
| (c) 3 rd | (d) 4 th |

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