

RAN-2506000101012501-N/ 2406000101010501
1st M.B.B.S (Suppli) Examination November - 2025
Human Anatomy (Paper - I) (SET - 2) S/B & S/C
Time: 3 Hours]
[Total Marks: 100
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) Write each section in separate answer sheet.
- (3) Draw neat and labelled diagrams wherever necessary.
- (4) Figure to the right indicates maximum marks.
- (5) In section- A, all MCQs are compulsory; only one answer will be accepted, no Negative marking and answers will be marked with blue/ black pen on OMR sheet and must be submitted within 30 minutes.

Seat No.:

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Student's Signature

SECTION - A
Q.1. MCQ
1×20 =20

1. All of the following are muscles of mastication, EXCEPT -

A. Temporalis	B. Pterygoids
C. Buccinator	D. Masseter
2. Which of the following nerve traverse through lower triangular intermuscular space?

A. Axillary nerve	B. Median nerve
C. Radial nerve	D. Thoraco dorsal nerve
3. Broca's are is present in-

A. Superior temporal gyrus	B. Middle frontal gyrus
C. Precentral sulcus	D. Inferior frontal gyrus
4. Boundaries of anatomical snuff box are all, EXCEPT -

A. Extensor carpi ulnaris	B. Abductor pollicis longus
C. Extensor pollicis bravis	D. Extensor pollicis longus
5. Cords of Billroth are present in which part of spleen?

A. Red pulp	B. White pulp
C. Both	D. Capsule
6. The middle meningeal artery is a branch of -

A. Internal carotid artery	B. Middle cerebral artery
C. Maxillary artery	D. Deep temporal artery
7. Cardinal signs of Neocerebellar syndrome

A. Hypotonia	B. Ataxia
C. Internal tremors	D. All of the above
8. Winging of scapula is due to paralysis of nerve.

A. Radial	B. Long thoracic
C. Axillary	D. Median
9. Tongue muscles develop from -

A. Pharyngeal pouch	B. Mesoderm of pharyngeal arch
C. Occipital myotome	D. Intermediate mesoderm

10. Taste sensation from the anterior 2/3rd of tongue is carried by-
 - A. Chorda tympani nerve
 - B. Hypoglossal nerve
 - C. Glossopharyngeal nerve
 - D. Vagus nerve
11. Association fibres include all of the following, EXCEPT -.
 - A. Arcuate fasciculus
 - B. Corona radiata
 - C. Uncinate fasciculus
 - D. Cingulum
12. Maternal part of placenta develops from which one of the following?
 - A. Decidua parietalis
 - B. Chorion frondosum
 - C. Decidua basalis
 - D. Decidua capsularis
13. Which dermatome overlies the thumb - ?
 - A. C6
 - B. C7
 - C. T1
 - D. C5
14. Third ventricle is connected to fourth ventricle by-
 - A. Cerebral aqueduct
 - B. Foramen of Lushka
 - C. Interventricular foramen
 - D. Foramen of Magendie
15. What is the primary germ layer for nervous system?
 - A. Mesoderm
 - B. Ectoderm
 - C. Endoderm
 - D. Periderm
16. Injury of lateral Spinothalamic tract results in-
 - A. Contralateral loss of pressure and touch
 - B. Ipsilateral loss of temperature and pain
 - C. Contralateral loss of pain and temperature
 - D. None of the above
17. Median cubital vein is choice for the intravenous injection-
 - A. is superficial in location
 - B. is easy to withdraw the blood
 - C. Become prominent when tight bandage is applied
 - D. All of the above
18. In CNS myelin sheath is formed by which cell?
 - A. Schwann cells
 - B. Oligodendrocytes
 - C. Astrocytes
 - D. Microglia
19. The muscle responsible for closing the eyelids is -
 - A. Orbicularis oculi
 - B. Frontalis
 - C. Levator palpebrae superioris
 - D. Corrugator super ciliai
20. All are examples of Sesamoid bone, EXCEPT -.
 - A. Patella
 - B. Cuboid
 - C. Pisiform
 - D. Fabella

SECTION - B

- Q.2. Long essay question (Structured)** **1×10 =10**
Describe shoulder joint under following headings-
1. Articulation of bones and its type
 2. Ligaments
 3. Movements
 4. Nerve supply and blood supply
 5. Applied aspect
- Q.3. Give the Anatomical/Embryological reason of any 5-** **5×3=15**
1. What is Epistaxis? Write about its anatomical basis of reason.
 2. What is the anatomical based reason of Wallenberg's Syndrome? (Lateral medullary syndrome).
 3. Name the structures forming carpal tunnel. Give the anatomical reason for various symptoms in carpal tunnel syndrome.
 4. What is an anatomical reason of wrist drop?
 5. Give draining channels of cavernous sinus. Give anatomical reason for cavernous sinus thrombosis.
 6. Explain the anatomical basis of clinical features of Bell's palsy.
- Q.4. Write short notes on any 3 -** **3×5=15**
1. Carotid triangle of neck
 2. Sternocleidomastoid muscle
 3. Posterior interosseous nerve
 4. Histology of Retina

SECTION - C

- Q.5. Applied aspect—attempt all** **4×5=20**
1. Applied aspect of scalp
 2. Lymphatic drainage of mammary gland its applied aspect
 3. Development of face and its anomalies.
 4. Circle of Willis and its applied aspect.
- Q.6 Write short notes on** **4×5=20**
1. Anastomosis OR Epiphysis
 2. Derivatives of First pharyngeal arch
 3. Histology of hyaline cartilage
 4. The cadaver as our first teacher.
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