

HBTMC & Dr. R. N. COOPER MEDICAL COLLEGE, MUMBAI
DEPARTMENT OF ANATOMY
SECOND TERMINAL EXAMINATION- BATCH: 2024-2025

ANATOMY

Date: 15/04/2025
Day: Wednesday

Time: 10:00AM to 01:00 PM
Total Marks: 100

INSTRUCTIONS:

- 1) Use **black ball** point pen only.
 - 2) **Do not** write anything on the **blank portion** of the **question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory**.
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Use a common answer book for all sections **including MCQs**.
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SECTION "B"

Q2. Long answers questions

(1x12=12)

- 1) Describe intercostal spaces. Add a note on its clinical Anatomy

Q3. Reasoning type questions

(5x4 = 20)

- i) A 18-year-old boy was brought to the hospital with a black eye on the right side. He had suffered a blow on his right eyebrow during street fight. Explain the anatomical basis of black eye.
- ii) Explain the anatomical basis of lateral medullary syndrome
- iii) Explain the embryological basis of midline cleft of upper lip
- iv) What are the possible sites of spread of severe middle ear infection
- v) Why thyroid swelling moves with deglutition.

Q.4. Write short notes on (Any four out of five)

(4X5=20)

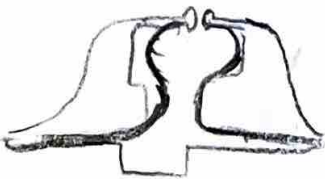
- i) Communication skills
- ii) Draw and describe microscopic structure of thin skin
- iii) Draw a detailed diagram of spinal cord showing ascending & descending tracts.
- iv) Describe first pharyngeal arch, its derivatives and congenital anomalies
- v) Draw a well labelled diagram of boundaries and contents of cavernous venous sinus.



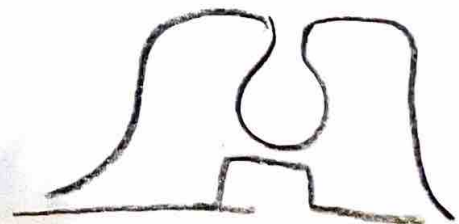
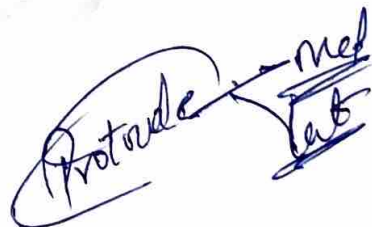
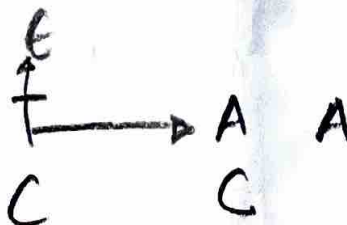
Q.5 Short answer questions (Any four out of five)

(4X7=28)

- i) Describe development of tongue
- ii) Describe the development of interatrial septum and write note on ASD (atrial septal defect)
- iii) Describe Bronchopulmonary segment
- iv) Describe muscles & movements of temporomandibular joint
- v) Intrinsic muscles of larynx and their nerve supply



The End



C
L
G
S
B