



NC-2006000101010001

First Year M. B. B. S. Examination

January - 2022

Anatomy : Paper-I

(New CBME Curriculum Pattern)

Time : 3 Hours]

[Total Marks : 80

Instructions :

(1)

Fillup strictly the details of signs on your answer book.

Name of the Examination :	First Year M. B. B. S.
Name of the Subject :	Anatomy : Paper-I
Subject Code No. :	2 0 0 6 0 0 1 0 1 0 1 0 0 0 1
Section No. (1, 2,)	Nil

Seat No. :

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Student's Signature

(2) Draw labelled diagram wherever required.

(3) Write to the point.

(4) Figures to right indicate marks.

SECTION - B

2 Write down any 2 case scenario questions- 16

(1) A 45-year male was having a habit of smoking 2+2+4

since 20yrs brought to the ENT department for the complain of hoarseness of voice and difficulty in phonation and swallowing. On examination a mass in the larynx noted.

- (a) What is the reason of hoarseness of voice?
- (b) What is the nerve supply of cricothyroid muscle?
- (c) Which one is the safety muscle of larynx and why?

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(2) Aditya 25 year fall from the scooter and met with a trauma on the right upper limb. A swelling noted on the arm. He was not able to extend the wrist joint. X-Ray shows fracture in the middle of the humerus.

- Which nerve is damaged and what is the root value?
- Name the muscles supplied by the damaged nerve?
- What is the name of the condition if wrist joint is not able to extend?

(3) Ramesh Bhai 60 year male was a known case of hypertension, suddenly one evening he felt severe headache. On clinical examination hemiplegia of left side with hypertonia and loss of proprioception noted. Physician find out right fronto-parietal lobe infarction and internal capsule.

- Which are the parts of internal capsule?
- In this case which part of internal capsule is affected?
- Draw and label the diagram of circle of willis.

3 (A) Write short note : (2 out of 3) 10

- Describe 1st carpometacarpal joint with type, articular surface, relation and movement.
- Describe cubital fossa with clinical importance.
- Define dorsal digital expansion.

(B) Write short notes on : 10

- Somites or Primitive streak.
- Development of Thyroid gland or Pituitary Gland.

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- (C) Write short notes on any one : 4
- (1) Describe anastomosis.
 - (2) Sesamoid bone.

SECTION C

- 4 Long question : (2 out of 3) 16
- (1) Define posterior triangle of neck with boundaries, floor, content and applied aspects.
 - (2) Describe tongue with blood supply, innervation and lymphatic drainage.
 - (3) Describe Extraocular muscles and their action and nerve supply.

- 5 (A) Write short note : (2 out of 3) 10
- (1) Write in detail about connection, function and applied aspects of cerebellum.
 - (2) Define spinothalamic tract.
 - (3) Enumerate floor of fourth ventricle.

- (B) Write short note on Histology of : 10
- (1) Thymus or Thyroid
 - (2) Stratified squamous epithelium or adipose tissue.

- (C) Write short note any one : 4
- (1) Pivot joint
 - (2) Blastocyst
 - (3) Histology of Thin skin