

## NC-2006000101010001

First Year M. B. B. S. Examination

January - 2022

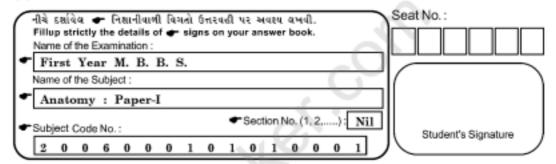
Anatomy : Paper-I

(New CBME Curriculum Pattern)

Time: 3 Hours [Total Marks: 80

## Instructions:

(1)



- (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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[ Contd...

- (2) Aditya 25 year fall from the scooter and met 2+4+2 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.
  - (a) Which nerve is damaged and what is the root value?
  - (b) Name the muscles supplied by the damaged nerve?
  - (c) 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 2+2+4 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.
  - (a) Which are the parts of internal capsule?
  - (b) In this case which part of internal capsule is affected?
  - (c) Draw and label the diagram of circle of willis.
- 3 (A) Write short note : (2 out of 3)

10

- Describe 1<sup>st</sup> carpometacarpal joint with type, articular surface, relation and movement.
- (2) 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:

		(1) Describe anastomosis.		
		(2) Sesamoid bone.		
	SECTION C  Long question: (2 out of 3)  (1) Define posterior triangle of neck with boundaries, floor, content and applied aspects.			
4	Lon	g question : (2 out of 3)	16	
	(1)			
	(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) (1) Write in detail about connection, function and	10	
		applied aspects of cerebellum.  (2) Define spinothalamic tract.		
		(3) Enumerate floor of fourth ventricle.		
	(B)	Write short note on Histology of :  (1) Thymus or Thyroid	10	
		(2) Stratified squamous epithelium or adipose tissue.		
	(C)	Write short note any one :	4	
		(1) Pivot joint (2) Blastocyst		
		(3) Histology of Thin skin		