

**Q.P. CODE: MB2019103**  
**KALOI NARAYANA RAO UNIVERSITY OF**  
**HEALTH SCIENCES**  
**WARANGAL, TELANGANA STATE-505002**  
**MBBS FIRST YEAR EXAMINATIONS:**  
**SEPTEMBER, 2025**  
**ANATOMY**  
**PAPER-I**  
**(NEW SCHEME)**

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

**Multiple Choice Questions: 10 X 1=10**

- 1) Lateral boundary of cubital fossa is formed by
  - a) Biceps brachii muscle
  - c) Brachialis muscle
  - 6) Brachioradialis muscle
  - d) Pronator teres muscle
- 2) Which is not a cranial nerve.....
  - a) Vagus
  - b) Glossopharyngeal
  - Phrenic
  - d) Hypoglossal.
- 3) ~~Pons contains which of the following set of nuclei~~

- a) IX, X, XI, XII.
  - 5) V, VI, VII, VIII.
  - c) III, IV
  - d) IV, V, VI, VII
- 4) Intercalated discs are present in.
- 4) Cardiac muscle
  - b) Smooth muscle
  - c) Skeletal muscle.
  - d)  
Large sized amery
- 5) Internal elastic lamina is present in
- a) Elastic artery
  - 6) Muscular artery
  - d)  
Large sized vein
  - c) Capillaries
- 6) Sensory ganglia develop from  
Neuro ectoderm
- a)
  - c) Neural crest cells.
- 7) Somites arise from
- a)  
Intermediate mesoderm
  - e) Paraxial mesoderm
  - b) Mesoderm
  - d) Extra embryonic mesoderm
- 8) Following structures present in \_\_\_\_\_

- 4) Tendon of Palmaris longus  
c) Tendon of flexor digitorum profundus  
b) Tendon of flexor pollicis longus  
d) Median nerve  
carpal tunnel except
- 9) Oesophageal glands are present in .....
- a) Lamina propria layer.  
c) Muscular layer  
) Submucous layer  
d) Serous layer
- 10) Superior sagittal sinus present in...
- a) Falx cerebri  
c) Tentorium cerebelli  
b) Falx cerebelli.  
d) Diaphragm sellae

### **Essay/ Long Answer Questions; 7 X 6=42**

11. A 25 year old male came with complaints of running nose, headache and blocked nose to the ENT OP. The doctor suspected viral infection.

a) Evaluate the probable diagnosis?

Describe the paranasal air sinuses under the following headings.

b) Classification of paranasal air sinuses.

c) Write gross anatomy of maxillary air sinus in detail

d) Write relations of maxillary air sinus.

e) Give brief about blood Supply and nerves supply of maxillary air sinus. (2+3+3+3+4)

12. Discuss the brachial plexus under the following headings

a) Formation

b) Flowchart showing cords, divisions, branches  
Site of lesions and clinical features about the

c) ERB'S palsy

d) Klumpke's palsy (4+5+3+3)

### **Short Answer Questions: 6 X 3=18**

13. Write the parts of the internal capsules.

14. Diagram of the floor of the 4th ventricle

15. Write about the blood supply of spinal cord.

16. Explain about the suprahyoid muscles

17. Explain microanatomy of the cerebellum with diagram.

18. Mention the Physician's role and responsibility to society and the community- that she/he serves.

19. Embryological basis of cleft lip and cleft palate.

### **Very Short Answer Questions:**

20. Write about the muscles of the thenar muscles undergy

21. Draw neat labelled diagram of the muscular artery.

22. Write the types of chorionic villi with diagrams.

23. Explain the anatomical basis for the black eye.
24. Draw neat labelled diagram of histology of retina.
25. Derivatives of neural crest cells..

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