

QP. CODE: MB2019103**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA STATE-506 002****MBBS FIRST YEAR EXAMINATIONS: AUGUST, 2024****ANATOMY PAPER-I****Time: 3 Hours****Max Marks: 100****Note: Answer all questions.****Give Diagrammatic representation whenever necessary**

Multiple Choice Questions:**10x1= 10**

1. Regarding Broca's area which of the following statements is not correct

- a) It is located in the inferior frontal gyrus of the left cerebral hemisphere
- b) It is supplied by anterior cerebral artery
- c) It represents functional area of speech
- d) It is numbered as areas 45, 44

2. Fracture of humerus at midshaft is likely to cause injury to which of the following nerves?

- a) Median
- b) Radial
- c) Ulnar
- d) Musculo cutaneous

3. When the whole cell is integrated to release the secretion, it is called as type of glands

- a) Merocrine
- b) Apocrine
- c) Holocrine

- d) Cytocrine
4. The part of a myofibril situated between two consecutive Z bands is called
- a) Sarcosome
 - b) Sarcomere
 - c) Sarcolemma
 - d) Sarcoplasm
5. The viability of ovum released at ovulation is
- a) 24-28 hrs
 - b) 12 hrs
 - c) 72-90 hrs
 - d) 6 hrs
6. Foramen caecum marks the origin of
- a) Tongue
 - b) Trachea
 - c) Thyroglossal duct
 - d) Hypobranchial eminence
7. All of the following structures occupy the infra temporal fossa except
- a) Mandibular nerve
 - b) chorda tympani nerve
 - c) pterygoid venous plexus
 - d) Masseter muscle.
8. All of the following muscles of eye ball are supplied by the oculomotor nerve except
- a) Superior rectus
 - b) Superior oblique
 - c) Inferior rectus

d) Inferior oblique

9. Which of the nerve injury leads to wrist drop?

a) Ulnar

b) Radial

c) Median

d) Axillary

10. Outer epithelial layer of tympanic membrane is lined by this epithelium:

a) Transitional

b) Pseudostratified

c) Stratified Squamous keratinized

d) Stratified squamous non keratinized

Essay/ Long Answer Questions:

2x15=30

11. Describe origin, course, relations, branches and clinical aspects of ulnar nerve. (1+2+3+4+5)

12. Describe external features, relations, blood supply and surgical importance of thyroid gland. (4+4+4+3)

Short Answer Questions:

7x6=42

13. Gross anatomy of palatine tonsil.

14. Enumerate cranial nerve nuclei in pons with their functional components.

15. Describe the floor of fourth ventricle.

16. Development of face.

17. Describe the role of Cadaver as the first teacher.

18. Draw neatly labelled diagram of the transverse section of the mid brain at the level of the superior colliculus.

19. Histology of retina.

Very Short Answer Questions:**6x3=18**

20. Draw and label microanatomy of lymph node.
21. Contents of vertebral canal.
22. Derivatives of neural crest cells.
23. Draw and label microanatomy of tongue.
24. Development of pituitary gland.
25. Movements of radio ulnar joint.

Answer:

1. B
2. B
3. C
4. B
5. A
6. C
7. D
8. B
9. B
10. C