

**PAPER CODE: MB2019103****KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA STATE - 506002****FIRST MBBS DEGREE EXAMINATIONS: MARCH, 2022****HUMAN ANATOMY (NEW REGULATION) PAPER-I****Time: 3 Hours****Max Marks: 100****Note: Answer all questions.****Give Diagrammatic representation wherever necessary.**

Write Long Answer on the following Questions:**2 X15 = 30**

1. A young boy got a traumatic blow over the face. After sometime he developed black colour around the left eye.

a) Evaluate the cause for the black eye.

Describe the scalp under the following headings.

b) Boundaries.

(3+1+5+3+3)

c) Layers of the Scalp.

d) Chart of blood supply with diagram.

e) Flow chart of nerve supply.

2. Describe the breast under the following headings.

a) Extent.

b) Parts in detail.

(2+5+5+3)

c) Relations.

d) Applied anatomy.

Write Short Answer on the following Questions:**8X5=40**

3. Diagram of the transverse section of mid brain at the level of superior colliculi.

4. Classify different types of cartilages with examples.





5. Enumerate the derivatives of first pharyngeal arch.
6. Discuss the different movements of elbow joint with concerned muscles.
7. Draw the different functional areas of superolateral surface of cerebral hemisphere
8. Embryological basis of twinning (Different types of twinning).
9. Explain the boundaries and contents of muscular triangle of neck.
10. Discuss the microscopic structure of cerebrum.

Write Very Short Answer on the following Questions:

10X3=30

11. Draw a neat labelled diagram of histology of transverse section of compact bone.
12. Name the ascending tracts.
13. Name the derivatives of ectoderm.
14. Anatomical basis of drooping of upper eyelid.
15. Anatomical basis of spina bifida.
16. Draw a neat labelled diagram of microanatomy of cornea.
17. Name the different components of development of face.
18. Mention the location of upper and lower motor neurons.
19. Embryological basis of cleft palate.
20. Name the structural openings in the middle meatus.

