

QP. CODE: MB2019103**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA STATE-506 002****MBBS FIRST YEAR EXAMINATIONS: FEBRUARY, 2023****ANATOMY PAPER I****Time: 3 Hours****Max Marks: 100****Note: Answer all questions.****Give Diagrammatic representation whenever necessary**

Write an essay on the following:**2x15=30**

1. A 12-year-old boy, with history of injury 5 days back, came to surgical OPD with a black eye

- a). Evaluate the probable diagnosis.
- b). Describe the layers of scalp.
- c). Describe clinical importance of each layer.
- d). Blood supply
- e). Nerve supply

(1+4+4+3+3)

2. Describe the mammary gland under the following headings.

- a). Location and extent.
- b). Deep relations.
- c). Blood supply.
- d). Lymphatic drainage.
- e). Clinical anatomy.

(3+2+3+4+3)

Write a Short Essays on the Following:**8x5=40**

3. Classify white fibers of cerebrum. Add a note on corpus callosum.
4. Draw a neat labelled diagram of histology of transverse section of bone.
5. Describe the development of thyroid gland.
6. Define pronation and supination. Add a note on joints involved and muscles producing movements.
7. Describe the pia mater of spinal cord.
8. Describe the embryological basis of cleft palate.
9. Describe the general investing layer of deep cervical fascia of neck.
10. Draw a neat labelled diagram of histology of cerebellum.

Write briefly on the following:**10X3=30**

11. Draw a neat labelled diagram of histology of muscular artery.
12. Describe the blood supply of spinal cord.
13. Describe chorionic villi.
14. Describe the anatomical basis of Frey's syndrome.
15. Describe the anatomical basis of medial medullary syndrome.
16. Draw a neat labelled diagram of histology of cornea.
17. Describe the muscles of mastication.
18. Draw a neat labelled diagram of circle of Willis.
19. Describe the development of pituitary gland.
20. Draw a neat labelled diagram of lacrimal apparatus.
