

Q.P. CODE: M102A010 (THEORY)

DR NTR UNIVERSITY OF HEALTH SCIENCES : VIJAYAWADA- 520008

MBBS DEGREE EXAMINATION: AUGUST, 2024

FIRST M.B.B.S. EXAMINATION

HUMAN ANATOMY PAPER-I

(Theory Questions)

Time: 2 Hour 40 Minutes

Max Marks: 80

Note: Answer all questions.

Draw diagrams, representation wherever necessary.

SECTION-II (THEORY QUESTIONS - 80 MARKS)

STRUCTURED ESSAY QUESTIONS:

2x15=30

1. Describe the anatomy of the Mammary gland under the following headings: (2+4+3+3+3)
 - a) Location
 - b) Structure
 - c) Blood supply
 - d) Lymphatic drainage
 - e) Applied anatomy

2. Describe the extrinsic muscles under the following headings: (6+4+3+2)
 - a) Attachments
 - b) Movements
 - c) Nerve supply
 - d) Applied anatomy

SHORT ANSWER QUESTIONS:**10x5=50**

3. A newborn baby is examined by a neurologist. There is a history of difficult vaginal delivery. A diagnosis of Klumpke's palsy is made.

a) Explain the anatomical basis of Klumpke's palsy.

b) Describe the formation, root value, and branches of the lower trunk of the Brachial plexus.

4. Blood supply to long bone.

5. Compare and contrast microscopic features of various types of cartilage.

6. Describe the process of neurulation.

7. Describe the cutaneous innervation of the palm and dorsum of the hand.

8. Describe the relations of the thyroid gland.

9. Describe the origin, course, and branches of the facial artery.

10. Draw a neat labeled diagram showing the floor of the 4th ventricle of the brain.

11. Describe the sulci, gyri, and functional areas related to the superolateral surface of the cerebrum.

12. Define and classify the white matter of the cerebrum with examples.
