

**RAN-2506121201010503****M.D. (Anatomy) Examination September - 2025****Paper - III****Time: 3 Hours]****[Total Marks: 100****સૂચના : / Instructions**

(૧)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ **M.D. (Anatomy)**

Name of the Subject :

☛ **Paper - III**Subject Code No.: **2506121201010503**

Seat No.:

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Student's Signature

- (2) Attempt all questions.
 (3) Illustrate your answers with suitable diagrams.
 (4) Figures to the right indicate marks.

Q-1. Describe the Gross features, Connections and Functions of Cerebellum.
 Add a note on applied aspect. (20)

Q-2. Describe the Structural and Numerical aberrations of chromosomes with examples. Add a note on factors responsible for chromosomal aberrations. (20)

Q-3. Describe the Basal ganglia under the following headings: (4+9+7=20)
 a. Components of Basal ganglia
 b. Functions and Connections
 c. Blood supply and applied aspects

Q-4. Write short notes on the following: (4 × 10 = 40)
 a. Fourth Ventricle
 b. Medullary syndromes
 c. Gene therapy
 d. Dermatoglyphics