

Roll No.

Total Pages : 2

CMDQ/D-23

5176

**FORENSIC ANTHROPOLOGY AND
BIOMETRICS**

Paper–M-FSC-304

Time Allowed : 3 Hours]

[Maximum Marks : 80

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Give a brief explanation on the following : $8 \times 2 = 16$
- (a) Cephalic Index.
 - (b) Difference between temporary and permanent teeth.
 - (c) What is anthropometry?
 - (d) What is forensic osteology?
 - (e) Write the dental formula for adult human teeth.
 - (f) Write the name of major skull sutures.
 - (g) Write the name of mandible bones.
 - (h) Write the name of scale used in bite marks photography.

UNIT–I

2. Give a detailed account on the development and scope of forensic anthropology. 16
3. Elaborate the following :
- (a) Methods of osteometry used in forensic science. 8
 - (b) Scope of osteometry in personal identification. 8

UNIT–II

4. Give a detailed account on the determination of sex by examination of human Bones. 16
5. Give an account on the following :
- (a) Determination of race from skull. 8
 - (b) Determination of stature from long bone. 8

UNIT–III

6. Give a detailed account on the determination of age from teeth evidence. 16
7. Elaborate the methods for bite marks collection, analysis and evaluation. 16

UNIT–IV

8. Explain the physical and behavioural Characteristics use in biometric. Give a detailed account on steps of biometric techniques. 16
9. What is 3D superimposition technique? Give a detailed explanation on comparison of skull by video superimposition. 16