D 150320 **(Pages : 2)** **Name.....**

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE (CBCSS) REGULAR / SUPPLEMENTARY EXAMINATION, NOVEMBER 2026

Forensic Science

FSC3E16—FORENSIC DERMATOGLYPHICS

(2019 Admission onwards)

Time : Three Hours Maximum : 30 Weightage

I. Answer any *four* of the following (Short Answer type questions)

1 Mention any two recent techniques used for the enhancement of latent fingerprints.

2 Distinguish between Level I, Level 2, and Level 3 fingerprint detail.

3 Give the meaning of a footwear impression.

4 What is the meaning of gait pattern analysis ?

5 Differentiate between class and individual characteristics of a tire impression.

6 Mention two forensic applications of lip prints.

7 What are Ear Prints ?

(4 × 2 = 8 weightage)

II. Answer any *four* of the following (Short essay type questions)

8 Write a short note on the classification of fingerprints.

9 Describe ridge tracing and its forensic importance.

10 What are 'Chance Prints' ?

11 How is a surface footprint processed and lifted from the scene of crime ?

12 What are tire track evidence? How are they recovered ?

13 Describe the procedure for collection of lip prints from a suspected person.

14 Explain the significance of bite marks in forensic investigation.

(4 × 3 = 12 weightage)

Turn over

III. Answer any *two* of the following (Long essay type questions)

15 Describe Henry's Classification and the Extended Henry's System.

16 Explain the examination and comparison of footwear impressions in forensic investigation.

17 Explain the forensic significance of tire reference materials and databases.

18 Describe the outer morphology of the ear and explain the procedure for ear-print identification and comparison.

(2 × 5 = 10 weightage)

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