

**D 132015****(Pages : 2)****Name.....****Reg. No.....**

**THIRD SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)  
EXAMINATION, NOVEMBER 2025**

**(CBCSS)**

**Forensic Science**

**FSC 3E 16—FORENSIC DERMATOGLYPHICS**

**(2019 Admission onwards)**

**Time : Three Hours****Maximum : 30 Weightage**

**I. Answer any *four* of the following. Short Answer Type Questions. Weightage 2 :**

- 1 What is a Fingerprints ?
- 2 Give a brief on minutiae matching.
- 3 What is a surface footprint ?
- 4 What are treadwear indicators ?
- 5 Write a note on the scope of Chelioscopy.
- 6 Give the importance of 'step width' in gait pattern analysis.
- 7 What are the types of bitemarks ?

**(4 × 2 = 8 weightage)**

**II. Answer any *four* of the following. Short Essay Type Questions. Weightage 3 :**

- 8 Describe the composite patterns of fingerprints.
- 9 How are fingerprints developed from a colour photograph ?
- 10 Give the procedure of enhancement of footprints on sandy soil.
- 11 Describe the method of tire construction.
- 12 How is a retreaded tire detected from its impression ?
- 13 Write a note on collection of ear prints from a suspect.
- 14 Elucidate on the judicial acceptance of bite mark (Forensic Odonatological) evidence.

**(4 × 3 = 12 weightage)**

**Turn over**

III. Answer any *two* of the following. Long Essay Type Questions. Weightage 5 :

- 15 Describe Henry's Classification of fingerprints.
- 16 Elucidate on the recovery and comparison of footwear evidence.
- 17 Describe the examination process of tire impression.
- 18 Explicate the Suzuki and Tsuchihashi classification of lip prints.

(2 × 5 = 10 weightage)