

D 111162

(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, NOVEMBER 2024**

(CBCSS)

Forensic Science

FSC 3E 16—FORENSIC DERMATOGLYPHICS

(2020 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

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

- 1 What is Poroscopy ?
- 2 Give a brief on palm prints.
- 3 What is a semi-sunken footprint ?
- 4 What information can be obtained by sidewall examination of a tire ?
- 5 Where are ear prints located in a crime scene ?
- 6 Give the sources of tire reference materials.
- 7 What are the classes of bitemarks ?

(4 × 2 = 8 weightage)

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

- 8 Describe the method of digital enhancement of fingerprints.
- 9 What is ridge counting ? When is it used ?
- 10 What information will you obtain from footwear impression examination ?
- 11 Give the tread nomenclature.
- 12 How is tire tread evidence recovered from a hit and run accident scene ?
- 13 Write a note on collection of lip prints from a suspect.
- 14 How are bite mark evidence collected from a living victim ?

(4 × 3 = 12 weightage)

Turn over

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

- 15 Describe Single Digit Classification of fingerprints.
- 16 Elucidate on Gait Pattern Analysis.
- 17 Write on the tire construction process.
- 18 Explicate the outer morphology of human ear.

(2 × 5 = 10 weightage)