

S.No. 8413

19 SCCFS 4

(For candidates admitted from 2019–2020 onwards)

B.Sc DEGREE EXAMINATION, NOVEMBER 2022.

Part III—Forensic Science — Major

FINGERPRINTS AND QUESTIONED DOCUMENTS

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions.

1. Define ridges and furrows.
2. What do you mean by bifurcation?
3. What is the use of Silver nitrate for fingerprint analysis?
4. Define epidermis and Dermis.
5. Define Forgery.
6. Define ESDA
7. What is alignment in handwriting?
8. Mention the parts of a printer.

9. Define watermark

10. What do you mean by secret writing?

SECTION B — ($5 \times 5 = 25$)

Answer ALL questions, choosing either (a) or (b).

11. (a) Write a note on types of fingerprints.

Or

(b) Write a note on preservation of developed fingerprints.

12. (a) Describe the collection and examination of lip prints.

Or

(b) Write the development of three dimensional footprints.

13. (a) What are the types and sections involved in Forgery?

Or

(b) Write a note on Alteration in document.

14. (a) Write the tools required for questioned document examination.

Or

(b) Write digital imaging of fingerprints.

15. (a) Write a note on gait pattern analysis.

Or

(b) Write examination and comparison of typed documents.

SECTION C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Write in detail about Post-mortem fingerprinting.

17. Write the mechanism of AFIS.

18. Write the method of recording of plain and rolled fingerprints.

19. Write a note on forgery and its types.

20. Write the forensic examination of Xeroxed documents.