

M.Sc. (Forensic Sci.) Semester - 2 (CBCS) Examination
May/June-2022 (New Course)
Fingerprints and Questioned Documents (Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Q1 (A) Answer all questions in short:** (04)
1. What is pattern area? Draw the diagram as well.
 2. Who is Henry Faulds and what is his contribution in fingerprinting development?
- Q1 (B) Answer any two questions out of three:** (10)
1. Describe different types of fingerprint impression evidence and their use in crime investigation.
 2. Describe classification of Fingerprint patterns?
 3. Explain the types of composite fingerprint patterns with diagrams?
- Q2 (A) Answer all questions in short:** (04)
1. In classification of fingerprints it is necessary to determine the ridge count. (true/false) justify.
 2. Write down the chemical reaction of ninhydrin method.
- Q2 (B) Answer any two questions out of three:** (10)
1. Write down four different techniques for development of fingerprints on the porous surface.
 2. Explain the different layers of friction skin epidermis with a neat labeled diagram.
 3. Explain Henry's classification of fingerprint in detail?
- Q3 (A) Answer in short:** (04)
1. What is the difference between IAE section-3 and IPC section-29?
 2. List out the handwriting individual characteristic with its forensic importance
- Q3 (B) Answer any two questions out of three:** (10)
1. Briefly explain about class characteristic of handwriting.
 2. State the difference between simulation and disguised writing.
 3. What do you know about forgery? What are its various types?
- Q4 (A) Answer in short:** (04)
1. Which are some specific characteristics which indicate you about mechanical or chemical erased document?
- Q4 (B) Answer any two questions out of three:** (10)
1. How will you proceed; if you will come across the traced signature?
 2. What do you know about alterations of documents? What are their various Types?
 3. As a document expert how will you identify that documents contain disguised writing? What are some specific characteristics of disguised writing?
- Q5 (A) Answer in short:** (04)
1. List out the measuring instruments which are very helpful in documents division With its application
 2. What is the use of projecting and stereomicroscope in documents division?
- Q5 (B) Answer any two questions out of three:** (10)
1. Explain any two instruments which are very helpful in question documents division.
 2. Briefly explain about indentation marks and its deciphering techniques with forensic application.
 3. What do you know about VSC? How it will helpful in question document division?
