

B.Sc. Semester - 6 (CBCS) Examination**March/April -2020****FINGERPRINT 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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Q - 1 (A) Answer in short:**(04)**

1. Who proposed the 10 digit classification system?
2. Mention types of fingerprint patterns with at least two deltas.
3. Which finger is considered in Fulcrum?
4. What does FPB stand for?

Q - 1 (B) Answer any one in brief:**(03)**

1. Define the loop patterns and give subtypes of loop pattern.
2. Write a note on comparison of fingerprints.

Q - 1 (C) Answer any one in detail:**(07)**

1. Draw the flow chart of fingerprint patterns and define the main types.
2. Write a note on AFIS.

Q - 2 (A) Answer in short:**(04)**

1. On which surfaces can plastic prints be found?
2. Which powders are used to develop prints on metallic surfaces?
3. What will be the color of fingerprints developed by silver nitrate?
4. What are latent prints?

Q - 2 (B) Answer any one in brief:**(03)**

1. Write a note on collection of plain prints.
2. Mention powders used for development of fingerprints with respective backgrounds.

Q - 2 (C) Answer any one in detail:**(07)**

1. Write a detailed note on process of using powdered techniques.
2. Explain the process of iodine fuming technique.

Q - 3 (A) Answer in short:**(04)**

1. What does VSC stand for?
2. For what is ESDA used?
3. What are the writings obtained from previous records used as control called?
4. Mention types of movements used to execute handwriting.

Q - 3 (B) Answer any one in brief: (03)

1. Draw the table for general characteristics of handwriting.
2. Write a note on procurement of writing standards.

Q - 3 (C) Answer any one in detail: (07)

1. What is the scope of Questioned Document analysis?
2. What are the does and don't for handling of documents?

Q - 4 (A) Answer in short: (04)

1. What type of tampering are interlineations?
2. What are the types of erasures?
3. What are the motives of erasures?
4. What are the motives of disguise?

Q - 4 (B) Answer any one in brief: (03)

1. Explain characteristics of mechanical erasures.
2. Explain obliterations and page substitutions.

Q - 4 (C) Answer any one in detail: (07)

1. What ways are used for disguising handwriting?
2. Explain alterations in documents.

Q - 5 (A) Answer in short: (04)

1. How much of optical fiber is added to currency notes?
2. Where is the paper for currency produced?
3. Which thread is used for binding the passport?
4. What is the study of coins called?

Q - 5 (B) Answer any one in brief: (03)

1. Draw the flow chart for signature forgeries.
2. Explain the features that give fluorescence in currency notes.

Q - 5 (C) Answer any one in detail: (07)

1. Mention types of signature forgeries and explain simulations.
2. Write a detailed note on traced forgeries.
