



Ron Smith & Associates, Inc.

Testing Division

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Test Manufacturer's Information

Tenprint Comparison Proficiency Test #21201

This proficiency test consisted of four parts: pattern recognition, pre-sentencing packet, comparison of questioned identity, and AFIS side-by-side comparisons of unknown to known fingerprints. The participant was expected to determine fingerprint patterns and compare the known fingerprints to the questioned fingerprints for a determination of identification or exclusion. The assigned values were as follows:

PART #1: PATTERN RECOGNITION

Image #	Pattern Type
1	Whorl
2	Left Slant Loop
3	Whorl
4	Arch
5	Right Slant Loop
6	Left Slant Loop
7	Left Slant Loop
8	Left Slant Loop
9	Right Slant Loop
10	Whorl
11	Left Slant Loop
12	Whorl
13	Whorl
14	Whorl
15	Left Slant Loop
16	Right Slant Loop
17	Right Slant Loop
*18	Right Slant Loop/Arch
19	Whorl
20	Left Slant Loop

*After the manufacturers review of the fingerprint in #18 it was determined that the right slant loop could be referenced to an arch; therefore, all answers of right slant loop and arch were accepted.

PART #2: PRE-SENTENCING PACKET

The following are the fingerprints of the same person: (Select all that apply)

- Most Recent Conviction
- Prior Conviction #1
- Prior Conviction #2
- None of the tenprint cards bear the fingerprints of the same individual.
- Inconclusive

PART #3: QUESTIONED IDENTITY

What can you conclude about the fingerprint on the ID card?

- The fingerprint on the ID card was made by the same person whose fingerprints appear on the fingerprint card bearing the name "Amoli Sharma".
- The fingerprint on the ID card was **not** made by the same person whose fingerprints appear on the fingerprint card bearing the name "Amoli Sharma".
- *Inconclusive

PART #4: AFIS SIDE-BY-SIDE COMPARISONS

Comparison #	Conclusion
1	Identification
2	Exclusion
3	Identification
4	Identification
5	Exclusion

The assigned values below were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing.

Individual reports will be provided to participants by early July 2021. The summary report for this test will be posted on the Ron Smith & Associates website by mid-July 2021 using the following link: <http://www.ronsmithandassociates.com/proficiency/tenprintcomparison.html>

It is recommended to postpone evaluating an individual's performance until after you have received the statistical averages contained in the summary report.

For any questions or further information, contact our Proficiency Testing Coordinator by emailing testing@ronsmithandassociates.com or by calling toll free at 1-866-832-6772.

Authorized by: Ron Smith, President

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