



Latent Print Examination Test No. 22-5161/5 Summary Report

Each sample pack of this test contained one of the following: digitally produced photographs (22-5161) or directly downloadable digital images (22-5165) of twelve latent prints and four sets of known finger and palm imprints. Participants were asked to compare these items and report their findings. Data were returned from 326 participants: 139 for 22-5161, and 187 for 22-5165 and are compiled into the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

Manufacturer's Information

Each sample pack contained either photographs or digital images consisting of known finger and palm imprints of four individuals and twelve latent "crime scene prints". Nine of the twelve latent prints were made by individuals for whom inked imprints were provided; three were from an individual for whom inked prints were not provided.

SAMPLE PREPARATION: All inked known fingerprints and powder-dusted or ninhydrin developed latent prints were scanned directly into image editing software. Images were assembled onto test templates, and background noise of each latent print was digitally reduced. For the physical photographs, the latent prints were provided in 1X and 2X magnification. Ninhydrin latent prints were provided in both full color and greyscale versions.

VERIFICATION: The expected Identification and Not Identified responses were reported by the predistribution examiners.

SAMPLE PACK ASSEMBLY: Once verification was complete and sample preparation was done, each photo set was packaged and sealed. Digital download media were zipped and uploaded to the CTS portal.

Latent No.	Print Source
Q1	Not Provided, - (NI)
Q2	Not Provided, - (NI)
Q3	Item D, Left Ring (D, LR)
Q4	Item A, Left Index (A, LI)
Q5	Item C, Left Palm (C, LP)
Q6	Item B, Right Ring (B, RR)
Q7	Item A, Right Thumb (A, RT)
Q8	Item D, Left Little (D, LL)
Q9	Item B, Right Palm (B, RP)
Q10	Item C, Right Thumb (C, RT)
Q11	Item D, Right Ring (D, RR)
Q12	Not Provided, - (NI)

Summary Comments

This test was designed to allow participants to assess their proficiency in the identification of latent finger and palm prints. Nine latent prints (Q3-Q11) were made by one of the four individuals for whom inked prints were provided (Items A-D). Three latent prints (Q1, Q2 and Q12) were from an individual for whom inked prints were not provided (Refer to the Manufacturer's Information for preparation details).

Of the 326 responding participants, 302 (92.6%) reported the expected nine identifications and three non-identifications. In the establishing of the consensus, inconclusive (INC) results are included with Non-identifications (NI). There were twenty-four participants who reported inconsistent or incomplete results for one or more of the latent prints; however, the necessary consensus threshold was achieved for each individual print. Responses which differ from the consensus are only discussed further below if a trend is identified.

The print with the most responses differing from the consensus was Q3 (21); 13 (4%) participants reported "INC" for this item, six (2%) reported it as a "NI" print, and two participants identified the print to the expected individual "D" but reported "INC" for the finger identification portion. Additional comments from several participants indicated that this print was insufficient to make a conclusion. However, some of these participants also mentioned that they could not exclude the left ring finger of individual D which was the expected identification.

Latent Print Identifications

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
242ZHV- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
27DUCN- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
27ERLK- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
29GPT7- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
2D873C- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
2JC4L2- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
2NBAFN- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
2RTFWG- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
2RU73Q- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
2VRYWU- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
2Z34LN- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
33JPRF- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
34YWBC- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
36UEDD- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
372UJJ- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
39A77Z- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
39BWCA- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3A4TYH- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3D2BWB- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
3EFQEK-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3LX6BW-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3MGBT8-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3N7CKH-5165	INC	INC	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3PHXFW-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3TH8C8-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3V8EP2-5161	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3V97WW-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3XEQHC-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3XRKZX-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
3YKELT-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4734X2-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4J86Q7-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4MBV2R-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4UAJJ6-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4UQKNR-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4VYTKK-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4WCLG9-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
4Y6CQT-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
4ZTUTY- 5161	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
67GQ84- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6AJRY- 5161	NI	NI	NI	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6BBMXF- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6BEABM- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6BQ876- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6CLP97- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6CMLQ4- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6K2BPC- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6Q3RVB- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6Q7AXF- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6U7H4C- 5165	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6XP8UF- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6Y28PP- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6YYHKR- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
6ZUX4J- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
73CK63- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
74MKUV- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
77CQNE- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
7NUPTD- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
7ZBGF2- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
83EN4E- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
874APR- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
87DZYE- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
87U6FA- 5165	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8AQNH9- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8CDAFC- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8DUJJC- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8GDGT8- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8JELCA- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8P6WFQ- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8PHN7M- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
8QD79N- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
94HJGM- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
94JNMJ- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
97N7UR- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
98HZFN- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
9DK7Z8- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
9DPN3C- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
9K8T4X- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
9PDNNX- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
9PX9L6- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
9VNKQM- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
A29ZXQ- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
A6CRZQ- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ABBDP7- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ALFJNF- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
AMMMFP- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
AMUP6P- 5165	NI	NI	D, LR	A, LT	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
APU3R2- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ARMUXT- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
AWTQF8- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
BAY2MU- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
BBVEAM- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
BCP3NC- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
BEDKUN- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	INC
BQN46J- 5165	NI	NI	NI	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
BXMVA8-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
C4RVDU-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
C6Y83X-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
C7UTL2-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CCGLX2-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CH9MBN-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CHNAB3-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CKAV98-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CLLPVY-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CNEG6K-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CQ23U2-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CQETRW-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
CW48F4-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
D4HJ6N-5161	NI	NI	NI	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
D4K99L-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
D87NY9-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
D8GUZN-5161	NI	NI	NI	A, LI	C, LP	B, RR	A, LT	D, LL	B, RP	C, RT	D, RR	NI
D8KC3T-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DB7ZU9-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DDUNZ9-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
DE2VHM-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DFELH7-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DJUXG8-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DL2BY9-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DMVYG6-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DQYQKN-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DXG3N4-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
DYR6EA-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
E2D8PZ-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
E43DJK-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
E69ZQW-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
EBY9HH-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
EEKXQM-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
EHYQKL-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
EKM6AW-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ERPCQK-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
EXDWUZ-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
EZ33NK-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
F4WMLZ-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
F636KW-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
FD3HP7-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
FGLG7U-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
FHE9CL-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
FLDKB8-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
FLENG3-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
FNHFFF-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
FV4AWL-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
G6LAYN-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GAJRY2-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GDH294-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GEBU6M-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GF7FXD-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GJ8JKU-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GL9QUH-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GM8UGT-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GQ794J-5161	INC	INC	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
GX28JJ-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
H2YWR7-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
H64EVT- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
HGWYE6- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
HPPDVW- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
J2DV6F- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
J6XNAF- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JB2Q6V- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JE224N- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JGCNZH- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JGDE6R- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JGPFY- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JMFTK2- 5161	NI	NI	NI	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	INC	NI
JP37FB- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JQW7D4- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JUCMPZ- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JXX8M4- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
JYRV7Y- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
K2BAAY- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
K3LCVX- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
K6RUUU- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
K7RQNX-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
K9TWQV-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KD9BNP-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KG7TTG-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KK8T42-5161	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KMAVXG-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KUETG9-5165	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KUWED6-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KYMKP-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
KZW2QC-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
L4F992-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
L7LVGW-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LBVWYU-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LC9NGN-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LCMA3X-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LCMCR3-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LEWZT3-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LEZL4N-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LLWED4-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode-Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
LNYJUH-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
LXD4C9-5165	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	INC	INC	NI
M67ZBV-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
M8U8YY-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MCQWDK-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MDVLFT-5165	NI	NI	INC	A, LI	D, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MHRBYL-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MKFPNW-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MKK298-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MPTK8Z-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MWCQ3L-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
MZA8GZ-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
NHN9N8-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
NHP4ZC-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
NNBX9H-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
NREQ3F-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PB63R2-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PCEBCL-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PE3PZV-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
PFEN36-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PGUGEM-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PJBAVT-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PKC223-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PMC8F9-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PTZZEE-5161	NI	NI	NI	A, LI	C, LP	B, RR	A, RT	NI	NI	NI	NI	NI
PUE4HT-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PXWG3G-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
PYNF8R-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
Q3AJQX-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
Q9UMK7-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QCT3ZV-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QHJAUB-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QK77V2-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QLJGAU-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QNLEGF-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QPG4PN-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QTG9G3-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QWHDWG-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
QYA9VX-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
R28DKM-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R3XJYT-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R3Z6V9-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R4A97C-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R67MT4-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R7J3AB-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R8DQR8-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R8WNYR-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R99K4W-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
R9QE67-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RBGJNQ-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RCLBLK-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RDGTML-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RLH7PB-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	NI	D, RR	NI
RM8ETK-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RMT6NQ-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RPC3CF-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RQRGKQ-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RR376M-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
RV4AVP-5165	NI	NI	D, INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
RWDEBY-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
T8APBT-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TBBQGG-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TC747V-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TC844A-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TFBUEX-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TL9QUL-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TPDEBW-5165	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TRX4VA-5161	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TV2YGX-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
TYXK7E-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
U7CT8G-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
UGW4LM-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
UWKGV9-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
UYEYB4-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
UZAMPT-5161	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
V2WM4F-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
V7UZ9R-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
V9HJ6J- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
VGCLDM- 5165	NI	NI	D, INC	A, LI	D, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
VHKQTW- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
VLMUEQ- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
VTN24U- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
VW4K8F- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
VZ4PUM- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
VZ4U6P- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W2U9BE- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W4E38F- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W6BKAG- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W79UBY- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W7KPKK- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W8Y9E3- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W9ATMC- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
W9UQG4- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WAP9RT- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WDPM4A- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WEGHZ7- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
WFTE8V- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WHZFQG- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WKMBU2- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WL2MQK- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WN6GE3- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WQA2EB- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WQTRJP- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WXFJZ4- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
WZFQCF- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
X36G4K- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
X3JYWK- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
X8EQ9M- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
X96XD6- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XD6ZHL- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XLDWZX- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XNLRXH- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XPU3KY- 5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XQ8QXY- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XTFQCD- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
XVM4XL-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XWE39D-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XYNZRP-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
XZT2BJ-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
Y4UZHH-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
Y7XV48-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
YDECPP-5165	NI	D, NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
YER76P-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
YKGD6-5161	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
YNJK4E-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
YULQT6-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
YVFLV-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
YYZAZY-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
Z8Q7CE-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ZCJEKZ-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ZH8VBK-5161	NI	NI	INC	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ZJJPT7-5165	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ZNBYWC-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
ZRCZ32-5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
ZT44PF- 5161	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
Response Summary												Participants: 326
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Consensus:	NI	NI	D, LR	A, LI	C, LP	B, RR	A, RT	D, LL	B, RP	C, RT	D, RR	NI
Number:	324	323	305	325	324	326	325	325	325	323	323	325
Percent:	99.4%	99.1%	93.6%	99.7%	99.4%	100.0%	99.7%	99.7%	99.7%	99.1%	99.1%	99.7%
Not Identified (NI):	--	--	6	0	0	0	0	1	1	2	1	--
Other Identifications:	0	1	2	1	2	0	1	0	0	0	0	0
Inconclusive:	2	2	13	0	0	0	0	0	0	1	2	1

Additional Comments

TABLE 2

WebCode-Test	Additional Comments
3V8EP2-5161	Latent #3 is consistent in several ways with the left ring finger of candidate D, but does not meet the threshold for individualization. Candidate D, LR, can not be eliminated.
4ZTUTY-5161	Q3 has insufficient quantity and quality of detail (level 2 and level 3) for an identification. Subject D's #9 Left Ring finger cannot be excluded as the source of this latent, due to features in agreement. I would not make an identification of this latent in regular casework due to the quality issues.
6U7H4C-5165	The proficiency test was developed with the ACE-V method, finding that the image described as Q3 does not provide sufficient first level information (type and subtype), second level (minutiae or minutiae), to establish an identification or exclusion of the same, for this reason it is determined as "inconclusive"
87U6FA-5165	Per our agency policy, I deemed Q3 inconclusive to D#9 (LR) due to insufficient agreement between the latent print and the exemplar. All other letters (A,B, and C) were excluded as sources.
8PHN7M-5165	Our laboratory is not concluding to ID in that format. We will generally write: The findings provide extremely strong support in favour of the view that the mark X originates from finger Y as opposed to another unknown finger. By extremely strong support we mean that the finding are at least a million times more likely under the proposition of common source.
9PDNNX-5165	all principals excluded as the source of Q1, Q2 and Q12
ABBDP7-5165	We as a laboratory have utilized CTS exams for proficiency purposes for a number of years. Over that time I have found that CTS will expect questionable impressions to be identified in order to successfully pass the examination. This concept holds true with exam #22-5165. Item #Q3 was found to be a ninhydrin fingerprint impression with the corresponding grey scale impression also displayed. This impression was of poor quality with ridge development being fragmented due to the chemical process utilized. This impression was deemed to be a double loop whorl but due to the way the impression developed with the ninhydrin, level two unique identifiers were extremely difficult to identify. In fact, the low number of unique identifiers located in this impression would deem it suitable for exclusion purposes only based on our laboratory procedures and based on my training and experience as a latent examiner. However, based on my experience with CTS, I am aware that the testing standard is different. Keeping this in mind, I did compare and identify this impression to a sole source. In reality, based on my training and experience as well as our lab standards, the true conclusion that I would reach in actual case work would have been 'cannot be excluded' based on pattern and the limited unique identifiers observable. I would never want such a poor quality impression to possibly be the key piece of evidence that would incarcerate an individual for a crime. Furthermore, I would not be comfortable defending an identification based on such a poor quality impression in a court of law.
JMFTK2-5161	Item Q11 was marked inconclusive to item D, finger #4 due to possible distortion of minutiae points preventing a full identification of the print.
KK8T42-5161	Q3 - Inconclusive to D #9 LR, insufficient to identify.
MDVLFT-5165	The Q3 image does not allow visualizing a continuity in the definition of the crests that would allow locating minutiae in a sustainable way; therefore, it is not possible to establish its identification or exclusion.
PTZZEE-5161	Do Not Release
QCT3ZV-5161	Esta muy bien la prueba

TABLE 2

WebCode-Test	Additional Comments
R8DQR8-5161	Q1, Q2 and Q12 Supplied POI's excluded
RV4AVP-5165	The image 22-5165 Q3 is inconclusive because it does not meet the quality and quantity of objective data in the observation made, therefore its quality is low and only 6 characteristic points were located, which indicates that the amount of information is not suitable to be certain about it.
TPDEBW-5165	Latent Q3: If this were real casework, I would not have kept this print. I believe that the ridges are too fragmented and broken up. I do see similarities to Item D Matt Lucas finger #9.
TRX4VA-5161	The sample designated as Q-3, does not meet the minimum conditions required, in terms of clarity, sharpness, continuity of the papillary ridges and the location of characteristic points, in accordance with the precepts established in the dactyloscopic confrontation guide standardized by the Laboratory, therefore it was used not suitable for analysis and marked as inconclusive in this test.
UZAMPT-5161	*Q3 was marked as inconclusive due to lack of sufficient clarity in the latent.
VGCLDM-5165	the print marked as item 3, is inconclusive with the impression of the annular finger of the left hand of item D, due to the absence of sufficient information.
XPU3KY-5165	In accordance with agency procedures, a finding of "inconclusive" with the left ring finger of Item D will also be an acceptable response when this test is used for internal proficiency testing purposes.
YKGJD6-5161	Q3 was marked inconclusive since the print was not identifiable according to our procedures/protocols. Q3 was not compared.
ZH8VBK-5161	Q3: RIDGES ARE VERY BROKEN. UNABLE TO SEE 8 CLEAR POINTS UNDER GLASS

-End of Report-
(Appendix may follow)

Test No. 22-5161: Latent Print Examination

DATA MUST BE SUBMITTED BY **March 28, 2022, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234J

WebCode: 9WH99H

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

Police are investigating a theft from a private residence. Two roommates, Mary Berry and Prue Leith, have reported that some valuable personal effects are missing after a party. The day after the party, the residents noticed some jewelry and cash were missing from their respective bedrooms. Two individuals who attended the party were named as potential suspects after witnesses saw them in the rooms in question. Investigators have supplied you with images of twelve latent prints collected from the bedrooms. They have also provided you with images of known prints from the residents, as well as the two suspected individuals.

Ninhydrin recovered prints have been provided in both full color and greyscale versions.

Items Submitted (Sample Pack LPP1 - Photographs):

- Item A: Known finger and palm prints of resident Mary Berry.
- Item B: Known finger and palm prints of resident Prue Leith.
- Item C: Known finger and palm prints of suspect Noel Fielding.
- Item D: Known finger and palm prints of suspect Matt Lucas.
- Items Q1-Q12: Twelve latent prints recovered from the scene.

1.) Indicate the results of your comparisons by marking the appropriate boxes.

Please indicate the specific finger or palm identified for each latent print in this test.

If the identification of a latent fingerprint is made utilizing the palm print exemplar, please indicate ONLY the identified finger. The exemplar used for identification (e.g. LP, RP) may be documented in the Additional Comments but is not required.

If a conclusive identification cannot be made, check "Not Identified" or "Inconclusive" based on your laboratory policies/procedures. Do NOT leave a blank response.

Should a print(s) be marked "Inconclusive," please document the reason in the Additional Comments section of this data sheet.

	Item Letter	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm	Not Identified	Inconclusive*
		RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
Example 1	A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example 2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1.) continued.

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm	Not Identified	Inconclusive*
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
Q1		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q3		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q4		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm	Not Identified	Inconclusive*
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
Q5		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q6		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q7		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q8		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm	Not Identified	Inconclusive*
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
Q9		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q10		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q11		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q12		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.) Additional Comments

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your response in lists and tabular formats.

Should a print(s) be marked "Inconclusive," please document the reason in the Additional Comments section of this data sheet.

Note: Written conclusions are not required for this test. They are not to be substituted for additional comments.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section below must be completed.)

This participant's data is **not** intended for submission to ASCLD/LAB, ANAB, and/or A2LA.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety

Authorized Contact Person and Title

Laboratory Name

Location (City/State)