



Latent Print Examination Test No. 16-517/518 Summary Report

This test was sent to 566 participants. Each sample pack contained either digitally produced photographs (16-517) or a DVD with digital images (16-518) of twelve latent prints and four sets of known finger and palm imprints. Participants were asked to compare these and report their findings. Data were returned from 487 participants, 348 for 16-517 and 139 for 16-518 (86% response rate) 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". Ten of the twelve latent prints were made by individuals for whom inked imprints were provided; two were from two different individuals whose inked prints were not provided.

SAMPLE PREPARATION: All inked known fingerprints and lifted, powder-dusted latent prints were scanned directly into image editing software and assembled onto test templates. Background noise of each latent print was digitally reduced. The original deposition of a latent print may have been minimally altered via cropping to remove ridge detail and increase comparison difficulty. The latent prints were then provided in 1X and 2X magnification images.

VERIFICATION: Prior to predistribution, the latent prints were analyzed and confirmed by an external advisor to present appropriate detail, clarity, and difficulty. 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 placed into a pre-labeled sample pack envelope, sealed with evidence tape, and initialed with "CTS." Each DVD was checked to ensure all images were accessible.

Latent No.	Print Source
Q1	Not Provided, - (NI)
Q2	Item A, Right Thumb (A, RT)
Q3	Item B, Right Ring (B, RR)
Q4	Item A, Left Middle (A, LM)
Q5	Item D, Right Index (D, RI)
Q6	Item A, Right Index (A, RI)
Q7	Item B, Left Palm (B, LP)
Q8	Item D, Right Little (D, RL)
Q9	Item A, Right Palm (A, RP)
Q10	Item B, Left Thumb (B, LT)
Q11	Item D, Left Ring (D, LR)
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. Ten latent prints (Q2-Q11) were made by one of four individuals for whom inked prints were provided (Items A-D). Two latent prints (Q1, Q12) were from two individuals for whom inked prints were not provided (Refer to the Manufacturer's Information for preparation details).

Of the 487 responding participants, 441 (91%) reported the expected ten identifications and two non-identifications. There were forty-six (46) participants who reported inconsistent results for one or more of the latents. Consensus outliers are described as follows, with the types of outlying responses provided in parentheses following each description.

There were twenty-two (22) participants who attributed a latent to a different finger/palm than that established by the consensus (Other Identifications). Within those twenty-two, there were six participants who also did not identify a latent for which known prints were provided (Other Identifications and Not Identified). There were twenty-three (23) participants who did not identify a latent for which known prints were provided (Not Identified). Finally, there was one participant in the outlier group who gave a partial identification, identifying just the individual but not the specific finger to which the print was attributed.

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
26P4UG-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
28VZRQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	NI
2DLYUZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2JBJWF-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2K2QUX-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2KJTRY-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2LC4MF-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2PBHB7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2PT89W-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2TBHX2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2UMV2X-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2UNH8W-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
2VH9DC-518	B, LT	NI	B, RR	A, LM	D, RI	NI	B, LP	C, RM	A, RP	B, LT	C, LI	A, LR
323MG9-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
37K4BR-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3ABRGX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3B9XYD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3BQ3HB-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3CGAET-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3DV8XZ-517	NI	A, RT	D, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3LRCZU-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3LU38C-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	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
3NGU6Z-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3TXY3V-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3WVYA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3VX887-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3WPF6N-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
3Z8B8F-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
42EC6Y-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
43DP48-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
43UL7C-518	NI	A, RT	B, RR	A, RM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
44N8Y4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
47D2Y8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
49YB2Y-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4BZDMU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4FZYPD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4J2JRW-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4JZQVA-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4KW2TX-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4M2RV8-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4NTZTP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4RCUVG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4RRLV9-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
4YD7UY-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6366TA-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
636XBU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
63PETH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
64LU3U-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	NI	B, LT	D, LR	NI
686ZNB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
68YRBG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6B4BJB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6CUWF2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6CVHGT-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6HL4XB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6JT4MU-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6K4KTZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6MYEYX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6QVX4G-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6RAJF6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D	NI
6TLTGW-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6TZLKT-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, RT	D, LR	NI
6VL3L8-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6YTPCB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
6ZMLMQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
769HRM-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7729X2-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	NI
779NJV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7BGJB6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
7D3XNY-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, RP	D, RL	A, RP	NI	D, LR	NI
7HXKLT-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7M8DKD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7P2HFR-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7PHVHU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7PX8B9-517	NI	A, RT	NI	A, LM	D, RI	A, RI	B, LP	D, RL	NI	NI	D, LR	NI
7PZPJ6-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7UAPGB-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7UTXGJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7V8VZQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7W2L76-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
7YMTG7-517	NI	A, RT	B, RR	NI	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
824J3T-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
832JUY-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
832PL8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	NI
84WJ6X-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8A36AU-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8BBEY7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8BCLFZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8F7H4Q-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8F9Q74-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8FBJ2Q-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8G724T-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
8QMRG4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8RXAMA-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8TTTNB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8TVF7P-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	NI	NI
8UQX8Q-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8Y2LRZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
8Y4BYH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
93F742-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
94T9ZE-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
984HQM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9AGT4U-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9DDA8V-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9GZ48M-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9HUVD2-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9HVMAN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9KWTNU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9LQJU9-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9LREHL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9PQPDL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9QLPFL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9QME92-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9RX6KR-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9WB AJ2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
9XHPQ8-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
9YWJLR-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
A3B98V-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
A86NVN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
A93WZ2-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
A9LKNN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
A9YE23-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ACXM9X-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ADU4HA-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ADVX7L-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
AGVA2L-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
AJZA2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
AMEU83-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
AQZ4AT-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ARTW8X-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
AYBWCV-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
AYCDJ8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
AZLCRV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
B2XYUP-518	NI	A, RT	B, RR	D, LR	B, RM	NI	B, RP	D, RL	NI	NI	NI	A, LR
B42QM3-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
B4HNE2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
B9U4XJ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
B9XNKM-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
BAPEG8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BFV2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BGQYW3-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BHLRFT-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BJT2HX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BJWGVY-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BKQ82D-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BRM32W-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BTLZK6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BXCJDM-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BYRUEZ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BZJ2CH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
BZYTCA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
C438WY-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
C82HRY-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
C9TQPG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CAZ6WM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CBYBE3-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	NI
CD37Y6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CEXPZ7-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CFUDTX-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CFV8C4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CJ7KT3-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
CJQQ2L-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CJU6XU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CKKCVC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CKQK97-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CLEXQN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CTYTET-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CWZ3XN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
CZUX69-517	NI	A, RT	B, RR	A, LM	D, RI	NI	B, LP	NI	A, RP	NI	NI	NI
D8ATNN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
D8XWHJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
D9RMNX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DBA6G3-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DBTG92-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DBXNLV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DD2Z7W-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DD4ACG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	D, LT	B, LR	NI
DF8WYT-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DJ3C3U-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DJ83KQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DLUUHE-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DPTZ7T-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DV2J87-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DWCTBK-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
DY2KH2-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DY2RBG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
DYWADH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	NI	NI
E67QM7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
E7CFMU-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, LT	A, RP	B, LT	D, LR	NI
EAUBQL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EC4F6V-517	A, LR	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	NI	NI
EDYY8X-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EGX83E-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EKXNQM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EL8XED-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EM4DNP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EMJAJA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LM	NI
EQ23JX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ET9GRP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EU4ZUQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EXJZ3W-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EYTAQM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EYYR3N-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
EZNTRN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
F3CBXF-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
F42QYB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
F6HXAZ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
FA9QA2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FB7PCL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FC28EN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FDU2CR-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FEMU8B-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FFH8HP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FFWYMK-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FGVZWH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FK9GTM-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FKC2FQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FP4BQN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FPMKQX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FXHD9P-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
FYD7WV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
G3Q7TM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
G4JYQR-517	A, LR	A, RT	B, RR	A, LI	D, RI	C, RM	B, LP	A, RM	A, RP	B, RR	A, LI	NI
G4XKZT-517	A, LR	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RI	A, RP	B, LI	B, LM	NI
G6249P-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
G7RB78-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
G9UC9P-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
G9VGWU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
G9YKKJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GBZU7L-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
GFQ9QL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GGPEA2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GH3Y6W-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GJXH7X-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GL4PM6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GLKGMW-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GLY3YJ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GLZWF4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GMB6WW-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GNQHME-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GPK9TT-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GQWUEN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GUBRLB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	NI	NI
GV7ANC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GVQ2MP-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
GWMGXZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
H2RM36-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
H42HWA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
H4X8RQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RR	A, RP	B, LT	D, LR	NI
H7MLPW-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HCPVU4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HDNGMF-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HDNZDH-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
HEH8TU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HEJZPG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HFU2BF-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HPHG3J-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HRKEBQ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HV2CR8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HV6MWQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HVNJER-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HWGAK8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
HWWVU9-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
J6T2BG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
J7YD6B-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
J8VTEM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JA22UY-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JA7JTX-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JAXQPF-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JFL2QK-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JGJK4Z-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JGZ9C3-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JKYJ92-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JLEBAC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JLQ8EG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JMPDXW-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
JN2K9Y-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JNYPQE-517	NI	A, RT	B, RR	A, RM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JP9ZGQ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LI	D, LR	NI
JRV7Q7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JU73KB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JV4ANN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JVYTQP-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
JWR6EW-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
K24XVU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	NI
K7HGCC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
K88CQR-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
K8AUGF-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
KDVR3H-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
KG CJ6R-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
KM6WF9-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	NI
KRW2AC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
KRYQFU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	NI	D, LR	NI
KVTEKM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
KVHHL7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
KX3WTC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
KX7BPL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
L3AMVH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
L47QDE-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
LAA3KQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
LBL2FY-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
LEJF3P-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
LL4J97-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	NI	NI
LLQZCF-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
LNTXM9-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
LUGLHD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
LVQHYB-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
LYBWFD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
M2DM9R-517	A, LR	B, LT	B, RR	A, LM	D, RI	A, RM	B, LP	NI	NI	B, LT	A, LI	NI
M2G6HN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
M2YD7H-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
M6TP6H-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MA9PB3-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LI	D, LR	NI
MDRUVJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MG9JHW-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MMV2MC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MQDAYJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MQE2U7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MR9TZK-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MWHV3F-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MXBH7Q-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
MZ783K-517	NI	A, RT	B, RR	NI	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
N2RDVG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
N4VXC9-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
N74FJX-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
N7NZQP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
N8C37X-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
N9N33R-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NBFE2H-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NCX4P6-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NCX93T-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NEXN6N-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NLK67E-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NMJ8DZ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	NI	A, RP	B, LT	D, LR	NI
NMQ2ZH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NR4GW2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NRGBAF-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NRQYZA-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NWX9TJ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NX9GAC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
NXU3NM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
P33ND7-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
P4TZNB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
P93NCT-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
P987BR-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
PAZUV9-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PBDWTL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PCREWR-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PDJLTA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PDLZPH-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PDXFKQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PHDHHZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PHGUMJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PRZEHF-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PTWWJH-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PWRNRE-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PX832A-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
PY3L3B-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Q2LQL7-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Q2Q9J6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Q62JAD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Q63Z9R-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Q6FEJX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Q92B6R-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QER4FC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QFLULQ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QHFPN6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QJLVXG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
QNYLCN-517	NI	A, RT	B, RR	A, LM	D, RT	A, RI	B, LP	D, RL	A, RP	B, LI	D, LR	NI
QQYYNF-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	NI	A, RP	B, LT	NI	NI
QRVJBF-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QU4YX9-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QUZ62Z-517	NI	A, RT	B, RR	A, LM	D, RI	NI	NI	NI	NI	NI	NI	NI
QVYHZA-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QZAVH9-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QZQRA8-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
QZRLQT-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RATYC7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RE4CT6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RE7QPD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RFYT72-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RH2QGU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RH72LD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RL2ARN-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RNBMPB-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RRTZCJ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RTK8A2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
RZ4XL3-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
T39QEG-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
T8PEAR-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TCGTR8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
THN8K4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TJV7HD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TPFYHV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TRAKBM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TTF3C4-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TXG3UA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TXX87T-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
TYACQQ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
U4BBEL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
U69QZC-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
U993WC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
U9TR96-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UA4KXD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UA7B6V-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UDZWKJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UEWEMK-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UHHCE3-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UJT9VZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UN3P6P-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UN4JLA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UNKLJA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UNP79Y-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UQ9HA4-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
UQDY93-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UXRBBM-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
UYMTCN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
V74NU4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
V9PL6F-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
VGGJW4-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LI	D, LR	NI
VGJJ7W-517	NI	A, RT	B, RR	A, LM	D, RI	NI	NI	NI	NI	NI	NI	NI
VKKMZ6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
VNG9PM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
VNWUYN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
VTYJQW-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
VWTHZL-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
VYZZYH-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
W34Q7W-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
W6J3K8-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WEBQQN-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, RT	D, LR	NI
WETPWY-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WGG9PK-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WJ34EX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WJ4GN8-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WKWUKC-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WNW3NM-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WPR6HC-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
WTBPEL-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WUJC2L-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WW99H6-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
WZQ9WZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
X2Z8GF-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
X6EAEP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
X7Q7KU-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	NI	A, RP	NI	NI	NI
X8643Z-518	NI	A, RT	B, RR	A, LM	D, RI	B, RI	B, LP	NI	NI	B, LT	D, LR	NI
X92JFX-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XE37E6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XFJJPJ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XH7WM7-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XNTRK4-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XQYCAP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XRVRKZ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XUXQVT-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, LT	A, RP	B, LT	D, LR	NI
XVAW8G-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XVRCQ6-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XW73CV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XX2TWB-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XXK6NA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
XYU6TG-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Y7Q2RL-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
YE2T74-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YFVGQJ-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YFWB96-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YG7QVX-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YH3WXP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YNNPCB-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YPHFHP-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YPJAYA-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YQTG4N-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YR9R62-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YT3HBG-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YT4A73-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YT4R82-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YTM3YZ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YV432G-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
YZ2UJ7-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Z3KXJV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	NI	NI
Z6QYGT-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Z74HDJ-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZA42PD-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZFQG4P-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZFVR99-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZGQAAA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	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
ZJQMM2-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZMAMZV-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZN4ZCA-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZUUVDY-517	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
ZXTQY3-518	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI

Response Summary												Participants: 487
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Consensus:	NI	A, RT	B, RR	A, LM	D, RI	A, RI	B, LP	D, RL	A, RP	B, LT	D, LR	NI
Number:	482	485	485	481	485	479	483	473	480	461	468	485
Percent:	99.0%	99.6%	99.6%	98.8%	99.6%	98.4%	99.2%	97.1%	98.6%	94.7%	96.1%	99.6%
Not Identified (NI):	--	1	1	2	0	5	2	8	7	17	12	--
Other Identifications:	5	1	1	4	2	3	2	6	0	9	7	2

Additional Comments

TABLE 2

WebCode-Test	Additional Comments
43UL7C-518	The nominated latents in Q1 and Q12 have not been matched/identified to the supplied tenprints. The donar is/are unknown.
4BZDMU-517	Q5 = D2.
4J2JRW-517	The photography of the latent prints were inconsistently in focus. Out of focus latents do not accurately reflect a higher degree of difficulty in the real world. They are merely out of focus.
4YD7UY-518	Latent print experts in our laboratory think that the amount of the test latents is a bit too high: there could be fewer latents to be examined, and those latents could be more challenging: partial, with a lower quality/clarity. Specially the palm prints could be more challenging: at the moment the area where the latent palm print is from can be defined right away, and no further analysis of the creases or the ridge flow is needed.
686ZNB-517	Q8 shows minimal clear ridge detail - RDC
6CVHGT-518	Analysis and comparison images retained in SAN
9LREHL-517	According to LP-04-01 6.3 B.2.i and B.2.iii, we are to note the orientation of the latent print with a mark that is either a half moon for a finger or two lines at a right angle for a palm print. These markings were not included on the composites given for review. After speaking with [initials] she added the appropriate markings to the enlarged images that were either 3:1 or 5:1.
9RX6KR-517	Many photos were out of focus; this is not reflective of the quality of latent prints in most casework.
ACXM9X-518	1. Analysis of Exhibit 5 (disk containing images) revealed ten latent fingerprints and two latent palm prints suitable for association. 2. The latent finger and palm prints on Exhibit 5 and the associated finger and palm print standards bearing the name(s) listed below each have corresponding ridge detail. The likelihood of observing these amounts of correspondence when two impressions are made by different sources is considered extremely low. EXHIBIT # LATENT PRINT STANDARD 5 Three latent fingerprints (Q2, ABBOTT (Item A) Q4, Q6) and one latent palm print (L009) 5 Two latent fingerprints (Q3, BELL (Item B) Q10) and one latent palm print (Q7) 5 Three latent fingerprints (Q5, PARKINSON (Item D) Q8, Q11) 3. The two remaining latent fingerprints on Exhibit 5 (Q1 and Q12) were excluded as having originated from the same source as the fingerprint standards bearing the names ABBOTT, BELL, CLEARWATER, and PARKINSON.
AYCDJ8-517	Q1 and Q12 Supplied POIS excluded
CFV8C4-517	Q10 answer is #6 LT.
FC28EN-518	The friction ridge detail on the standards, Items A, B, C, and D have been excluded as the source of the friction ridge detail on Q1 and Q12.
KVTEKM-517	The quick brown fox jumps over the lazy dog
Q6FEJX-517	I took the test using printed images which resulted some clarity issues. However, the printed images did not interfere with conclusions. Perhaps the DVD containing the digital images would provide better clarity. Overall, I enjoyed the test.
U993WC-517	Out of focus exemplars are not typical of standard case work and are not appropriate for proficiency testing.
WETPWY-518	The format of the online answer sheet is better. Preferably, each alternate row would be shaded to make it easier to follow the row across (from the Q# on the left through the answer choices to the right).

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program Test No. 16-517: Latent Print Examination

DATA MUST BE RECEIVED BY October 17, 2016 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB and 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 on the last page must be completed and submitted.)
- This participant's data is NOT intended for submission to ASCLD/LAB, ANAB or A2LA.

Scenario:

Police are investigating an incident of theft from the shared dormitory bedroom of two female students at a private school. The affected students believe that two students from a neighboring dormitory may have been responsible, as they were seen unaccompanied in the area shortly before the items were discovered missing. Investigators have supplied you with images of twelve latent prints lifted from the scene. They have also provided you with images of known prints from the two affected students, as well as the two suspects who were taken into custody based on the narrated account.

Items Submitted (Sample Pack LPP2 -Photographs):

- Item A: Known finger and palm prints of student Hannah Abbott.
- Item B: Known finger and palm prints of student Katie Bell.
- Item C: Known finger and palm prints of suspect Penelope Clearwater.
- Item D: Known finger and palm prints of suspect Pansy Parkinson.
- 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 a conclusive identification cannot be made, check "Not Identified," do NOT leave a blank response. If the identification of a latent fingerprint is made utilizing the palm print exemplar, please indicate ONLY the identified finger in the chart. The exemplar used for identification (e.g. LP, RP) may be documented in the Additional Comments section, but is not required.

	Item Letter	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm RP	Left Palm LP	Not Identified
Example 1	A				✓									
Example 2														✓

Please return all pages of this data sheet.

1.) continued.

Item Letter	#1 RT	#2 RI	#3 RM	#4 RR	#5 RL	#6 LT	#7 LI	#8 LM	#9 LR	#10 LL	Right Palm RP	Left Palm LP	Not Identified
Q1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.) Additional Comments

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

<p>Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by October 17, 2016 to be included in the report. Emailed data sheets are not accepted.</p> <p>QUESTIONS? TEL: +1-571-434-1925 (8 am - 4:30 pm EST) EMAIL: forensics@cts-interlab.com www.ctsforensics.com</p>	<p>Participant Code: ONLINE DATA ENTRY: www.cts-portal.com FAX: +1-571-434-1937 MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA</p>
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Collaborative Testing Services - Forensic Testing Program

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **16-517: Latent Print Examination**

This release page must be completed and received by **October 17, 2016** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

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

ASCLD/LAB Certificate No. _____

ANAB Certificate No. _____

A2LA Certificate No. _____

Step 2: Complete the Laboratory Identifying Information in its entirety

Signature and Title _____

Laboratory Name _____

Location (City/State) _____

Accreditation Release	
<u>Return Instructions</u>	
<i>Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.</i>	<i>Questions? Contact us 8 am-4:30 pm EST Telephone: +1-571-434-1925 email: forensics@cts-interlab.com</i>

Please return all pages of this data sheet.