Latent Print Examination Test No. 15-517/518 Summary Report

This test was sent to 610 participants. Each sample pack contained either digitally produced photographs (15-517) or a DVD with digital images (15-518) of eleven 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 509 participants, 342 for 15-517 and 167 for 15-518 (83% 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.

Manufacturer's Information

Each sample pack contained digital images consisting of known finger and palm imprints of four individuals and eleven latent "crime scene prints". Each of the eleven latent prints was made by one of the individuals for whom inked imprints were 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 be minimally altered via cropping to remove ridge detail and increase comparison difficulty. The latent prints were then provided in 1X and 2X magnification examples.

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 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	Item A, Right Middle	(A, #3 RM)
Q2	Item D, Right Middle	(D, #3 RM)
Q3	Item C, Left Ring	(C, #9 LR)
Q4	Item A, Right Index	(A, #2 RI)
Q5	Item B, Left Middle	(B, #8 LM)
Q6	Item A, Right Ring	(A, #4 RR)
Q7	Item D, Right Middle	(D, #3 RM)
Q8	Item C, Right Middle	(C, #3 RM)
Q9	Item C, Left Palm	(C, LP)
Q10	Item A, Left Middle	(A, #8 LM)
Q11	Item D, Right Ring	(D, #4 RR)

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Summary Comments

This test was designed to allow participants to assess their proficiency in the identification of latent finger and palm prints. Each of the eleven latent prints (Q1-Q11) was made by one of the four individuals for whom inked prints were provided (Items A-D) (Refer to the Manufacturer's Information for preparation details).

Of the 509 responding participants, 432 (85%) reported the expected eleven identifications. Consensus outliers are described below, with the types of outlying responses provided in parentheses following each description.

There were seventy-seven total participants who reported inconsistent results for one or more of the latents. Of this group, there were twenty participants who attributed a latent to a different finger or palm than that established by the consensus (Other Identifications). There were fifty-seven participants who did not identify a latent for which known prints were provided (Not Identified). Within those fifty-seven, one participant also attributed a latent to a different finger or palm than that established by the consensus (Not Identified and Other Identifications). Additionally, one other participant in those fifty-seven identified an individual, but marked "NI" for the finger selection; this response has been grouped with the "Not Identified" statistics. A majority of those that marked "Not Identified" did so for latent prints Q6 and Q11, with observations that these prints were the most challenging.

Latent Print Identifications

TABLE 1

		Items	Q1-Q4			Items	Q5-Q8		Iter	ns Q9-G	211
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
229DLT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
234Y3R-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI
26ACUR-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
28E7GN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
28FYCB-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
29APHP-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
29QZWN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
29TFTA-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2BUPJQ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2BUQ8A-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2CUNRT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2DNEX8-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2G4RN8-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2HEWZB-517	NI	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2J8M7P-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI
2K2E9A-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2PXXLE-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
2TFC2N-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2TY2D2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2TYXXK-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2U6R64-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
2UAYHX-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2UTLCA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2UUGPY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
2X9D6N-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		Items (Q1-Q4			Items	Q5-Q8		İte	ns Q9-G	211
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
2ZWQU7-517	A, RM	D, RM	C, LR	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR
36QYV7-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
37ZZPR-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
38XAQA-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
3CCR87-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
3CPFEY-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
3D4XJQ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
3DGPXD-517	A, RM	D, RM	C, LI	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR
3GEYCM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
3NLHRE-517	A, RM	D, RM	C, LR	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR
3PMT7F-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
3RTAJD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
3TU8VU-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
3YK8KN-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
3ZEXQ3-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
43T2WJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
44T4LN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	NI	C, RM	C, LP	A, LM	NI
46NJ27-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
47VUYU-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
492C8D-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI
4AWYL3-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
4BRFZK-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
4FEJEG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
4GXC9C-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
4KVRUT-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
4KZ6LW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		Items	Q1-Q4			Items	Q5-Q8		Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	
4L8FCT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
4LUTZL-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
4QZGGT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
4RTMQ7-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
4RUH4V-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
4TN6UT-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
4VX2HQ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
4WTVYM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
64KJCP-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
66F3DR-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
66ZTBH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
67RWVC-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
68PZTU-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
69G76D-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
69JMJR-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
6ENPAX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
6GCYLK-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	NI	A, LM	NI	
6L49RC-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	
6PNAQK-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
6WMMLT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
6ZL4UG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
72BRR3-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
72CMDU-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
72WGYP-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7DRGQ9-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7FDD7Y-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	

TABLE 1

		Items	Q1-Q4			ltem <u>s</u>	Q5-Q8		Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	
7HG9P2-517	A, RM	D, RM	C, LR	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR	
7JCMBL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7JDLCU-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7K7KC2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7K8FXR-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7LJUP8-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7NMPGB-518	NI	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	NI	NI	
7PH8KX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7PV2WQ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7QCVYL-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR	
7QUZEY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7TNM6W-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7UCB9A-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7UWZGH-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7XALCW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7XANZF-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
7ZLF44-517	A, RM	D, RM	C, LR	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR	
84D2CH-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
84WZA3-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
88W67V-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
89UF4J-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
8BHXAC-518	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI	
8HTA69-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR	
8LGJK2-517	A, RM	D, RM	C, LR	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR	
8Y3WPB-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
8YMR3J-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	

TABLE 1

		ltems (Q1-Q4			Items	Q5-Q8		Itei	ns Q9-G	211
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
8YMUP3-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	NI	C, RM	NI	A, LM	D, RR
972XCV-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9AGK4U-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9DJAFB-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9EBGFE-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9F7YT2-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9FQNYN-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9GFXWH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9LVJPP-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9LVLFU-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9M76QX-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9MLP92-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9RETVE-517	A, RM	NI	C, LR	A, RI	B, LM	NI	NI	C, RM	C, LP	NI	NI
9RGMJY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
9UL4VN-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
9Z87UD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
A4QD4L-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
A9YN3U-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
ADBTP2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AEBGNE-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AEQWJ9-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AF4KTL-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	NI	NI	NI
AF82AT-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AFMDW6-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AJJYM8-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AJLVPQ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		ltems (Q1-Q4			Items	Q5-Q8		Ite	ms Q9-G	11
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q 10	Q11
ARE9PQ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
ATRG6Q-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AVGWHU-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AVY2R6-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, RM	A, RR
AXHXKC-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
AY3PLA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
AYCNQQ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
B2KCHF-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
B2UCHG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
B646QN-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
B8LQ2V-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
B8M99U-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, RM	A, RR
B9FDRT-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
BD6XGE-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
BE9FVT-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
BKQUK4-518	NI	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
BLJKQJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
BRBRBC-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
BW6QMM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
BXHBHH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
BYCZVY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
C6B9F6-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
C9FE9K-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
CCB8BZ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
CCC4PR-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
CE2MEW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		Items (Q1-Q4			Items	Q5-Q8		Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	
CE3FC4-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
CE7Z7Y-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
CL2V6H-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
CL2WVW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
CMR3D9-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI	
CQUY33-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	
CT4XB4-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	
CXCGCG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
CZ2VMZ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
CZHWNG-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI	
CZLHDV-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
D96EGF-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
D9PZ8X-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DD7GH3-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DG4YLV-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DG6N2Y-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DK7MFY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DLRJNC-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DPX3TY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DQ7CTW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DR4EXF-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DRXBXA-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DTX363-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	A, RR	
DX9GPM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DYJ3G9-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
DZXM8X-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	

TABLE 1

		Items	Q1-Q4			Items	Ite	Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
E267W9-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
E8WGWJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
EC6UHN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
EC9BW3-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
ECL6BG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
EGW8F7-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
ELQ3AD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
EREP4X-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
ERWWW8-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
ETEKQA-517	A, RM	NI	C, LR	A, RI	B, LM	NI	NI	C, RM	NI	NI	NI
ETFN9R-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
EYFYCC-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
F4A28N-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
F7U8BR-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
F7V2WJ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FBRHKJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FDX46Q-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
FE89FT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FE96UH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FFXJ8L-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FKVULU-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FNEL24-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FNXULR-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FTN9DR-517	A, RM	D, RM	C, LR	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR
FVTWQN-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
FYXAPB-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		Items	Q1-Q4			Items	Q5-Q8		Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	
G3PUYX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
G6482N-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
G7NC6R-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
G7P8QH-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
G86D69-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
G8AUER-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
G94F9J-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
G9G8WE-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GA7E76-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GFXJ62-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GFYHAV-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GJZHFT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GJZNQL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GL9M2U-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GL9N4F-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GMFA7L-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GT28Q3-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GT4PB7-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GUDULA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GUY7KA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GX28HL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GXWWFM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GYDW7-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
GYPR8B-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	
GYWMUH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
H2WGUJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	

TABLE 1

Items Q1-Q4 Items Q5-Q8 Items Q9-	Items Q9-Q11			
WebCode-Test Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10	Q11			
HARH7H-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HEJPQC-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HEJQHB-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HGLKAF-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HHH2NX-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HJTRXM-517 A, RM D, RM C, LR A, RI B, LM NI D, RM C, RM C, NI A, LM	NI			
HKMH42-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	NI			
HKQXA2-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HLHXFX-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HPZCZD-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HQBZHC-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HQGGFQ-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HQT4XP-517 A, RM D, RM C, LI A, RI B, LM D, RL D, RM C, RM C, LP A, LM	D, RR			
HQTCQW-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HVLC8D-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HWGUBZ-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HXFVGR-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HYRRNG-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
HYV6FK-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
J6VUFN-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
J8E7TK-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
J8XRZ4-517 A, RM D, RM C, LR A, RI B, LM NI D, RM C, RM C, LP A, LM	D, RR			
J8XVFL-517 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
J97C74-517 A, RM D, RM C, LR A, RM B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			
J99TJH-518 A, RM D, RM C, LR A, RI B, LM A, RR D, RM C, RM C, LP A, LM	D, RR			

TABLE 1

		Items	Q1-Q4		Items Q5-Q8			Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
JHGDWL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JHWUTZ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JK64VH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JKHER2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JRJP4L-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JUAVF7-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
JV8YF9-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JY3YGC-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JY87U7-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JYLQKV-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
JZYKZV-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
K2BG8K-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
K2ZYRT-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
K67CLD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
K7EELQ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
K8CLZP-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
K8EKVX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KCAC4V-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KCR4GL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KHD2YG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KHFULG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KHFWBL-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KHRTHB-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KJ74JC-517	NI	D, RM	C, LR	NI	B, LM	NI	NI	C, RM	NI	A, LM	NI
KLR2V9-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KLR3N8-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
									l		

TABLE 1

		Items	Q1-Q4		Items Q5-Q8			Ite	211		
WebCode-Test	Q1	Q2	Q3	Q4	Q 5	Q6	Q7	Q8	Q9	Q10	Q11
KLVHU8-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KR234J-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KUQALU-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KWU66X-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KX3GPK-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KXPM9K-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
KYV8UY-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
L48E46-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
L6KB7P-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
L7B9P3-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
L7FNV3-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
L949TK-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LAE7ZU-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
LCHQ4A-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LECGAN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LFEKLW-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LKFE4L-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LLQAGD-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LMKXXN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LMLTJE-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LPUX8A-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LQK6GZ-517	A, RM	D, RM	C, LR	NI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
LRWWF9-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LT9UDB-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LTRLDB-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
LTRP3E-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		li ama-	01.64		., .,		05.09		Items Q9-Q11			
WebCode-Test	Q1	Items (Q1-Q4 Q3	Q4	Q5	Q6	Q5-Q8 Q7	Q8	Q9	ms Q9-G Q10	Q11	
LU4ECJ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
LUM6GX-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
M3EY38-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
M467CX-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
M4L6LN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
M6YNMJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
M6YWHC-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
M7P7DY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
M82TVX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MANERG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MCH9GY-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MD9J77-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MEKW6L-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MELUFG-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MFUAAV-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MHNTNP-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	
MJVFQM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MKQTPL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MMFY8X-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MQVPCR-517	B, RM	D, RM	D, LL	D, LI	B, LM	B, LR	B, LI	B, RM	C, LP	A, LM	C, RR	
MRUQCJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MWLTG6-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MXHAU2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
MXYFYJ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
N4GAEN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
N4J284-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI	

TABLE 1

		Items	Q1-Q4			Items	Q5-Q8		Ite	211	
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
N6DNYZ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
N9GGUJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NCDZ3J-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
ND9WDY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NEL8GH-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NFBLUL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NJGXX3-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NK843K-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NN6LAZ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	A, RR
NQBD68-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NQEQWA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NQXTEW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NRA99X-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NV8UKL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
NXCEN2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
P2A7DX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
P362K8-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RL
P9QY6N-517	NI	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
P9UFJ2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PD8B8B-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PJEH8N-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PN38L7-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PPW8CP-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PPXY9C-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PQ7BWD-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PQRK24-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		Items (Q1-Q4			lte <u>ms</u>	Q5-Q8		Items Q9-Q11		
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
PQTHCY-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PTFDP4-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PTVGFP-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PUAYGA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PUTT7D-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PWT4VL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PXBW8G-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
PYJ8NT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
Q262HL-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI
Q2MFC4-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
Q3ZWYH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
Q498FT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
Q6P3JE-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QBABPB-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QCNJYL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QEXKYC-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RR	C, LP	A, LM	D, RR
QFQMJL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QJLADU-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QMAV6X-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QN6E8Y-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QN6EAJ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QNZ3CZ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QTBBQY-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QTEN8F-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QTFMCA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QTU8RD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		ltems (Q1-Q4			Items	Q5-Q8		Items Q9-Q11		
WebCode-Test	Q1	Q2	Q3	Q4	Q 5	Q6	Q7	Q8	Q9	Q10	Q11
QYE4V3-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
QYKA94-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
R47RQZ-517	A, RM	NI	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
R7GH7V-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RBQVVG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RDFYPN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
REV88P-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RGXBGB-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RH7L8Z-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RL997J-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
RM3YCX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RM47AY-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RRXXQ9-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RRZGLX-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RU4B9V-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
RXJYQ7-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
T2E3ZR-517	A, RM	D, RM	NI	D, LI	B, RT	D, RL	D, RM	C, RM	C, LP	C, LT	D, RR
T3XN8A-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
T6F4ZN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RL
T7QZHK-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
T9DHRK-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TDPPYP-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TH36UM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TMF9B4-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TMGXQ8-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TMXXW6-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		Items Q1-Q4				lte <u>ms</u>	Q5-Q8		Items Q9-Q11		
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
TPN8YJ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TUWUBV-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TVTXBX-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
TXWVK6-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
TYTCW2-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
U6YBXJ-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
U8323X-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UBYL23-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UCU66P-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UDKD6T-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UEEERV-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
UEXYRL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UGMGNT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UMEMAV-518	NI	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI
UQRFGM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UQVZ6Q-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
URB7PM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
URC4ZH-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UVPN4X-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UXAM9F-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
UYMGQ2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
V7KJEX-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
V8W8RH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
VA8TUQ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
VALCKP-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
VBXZ2U-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

		ltems (01-04			Itoms	Q5-Q8		Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	
VC7KFG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VHGENM-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI	
VHHABY-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VJAFFW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VJRGC7-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	
VPFZP8-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VQ4FZP-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VQAN4W-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VRJW2B-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VWH3VT-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VXQBT8-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VXR7EX-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VYGLHE-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
VZWQER-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
W24L7M-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
W4BUE8-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
W8BU37-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
WCR69M-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
WEDZH9-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
WLCKLP-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
WMLRWH-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RL	
WVGRBA-517	A, RM	D, RM	C, LI	A, RI	B, LM	D, RL	D, RM	C, RM	C, LP	A, LM	D, RR	
WXNUFU-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
WYE2NK-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
WYGYP8-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
X3B38D-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	

TABLE 1

		Items	Q1-Q4		Items Q5-Q8				Ite	211	
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11
X48D8M-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
X8AFTH-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XC3LH7-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XC4AXJ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XDGU79-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XE9WQ3-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XEN8CN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XH6ULM-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XKC29Y-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XKEJMC-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XLB7VA-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XLT8N4-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XNGJKN-517	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	D, RR
XQ3BTK-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XQHF2H-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XTRH4U-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XTRKQD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XUZ2GW-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XVFZ4G-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XYGA4B-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
XZK6CR-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
Y44DH8-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
Y84LMG-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
Y9VJ7U-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
YCVXHD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR
YE3B4L-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR

TABLE 1

					IΛD	LC I						
		Items (21-Q4			Items	Q5-Q8		Items Q9-Q11			
WebCode-Test	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	
YGNZLD-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
YLANEQ-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
YMVJNC-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
YP6HYX-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
YQZ3X7-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
YR94XJ-518	A, RM	D, RM	C, LR	A, RI	B, LM	NI	D, RM	C, RM	C, LP	A, LM	NI	
YW6PVL-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
YXHHJN-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
YYAK4H-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
Z6B39M-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
ZCFTVL-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
ZDQLQ2-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
ZGBLR3-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
ZXRNMP-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	NI	
ZY4QXH-517	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RL	
ZYBEXA-518	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
Response	Sum	mary	,							Par	ticipants: 509	
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	
Consensus:	A, RM	D, RM	C, LR	A, RI	B, LM	A, RR	D, RM	C, RM	C, LP	A, LM	D, RR	
Number:	502	506	504	504	508	464	503	507	503	502	463	
Percent:	98.6%	99.4%	99.0%	99.0%	99.8%	91.2%	98.8%	99.6%	98.8%	98.6%	91.0%	
Not Identified (NI):	6	3	1	2	0	34	5	0	5	4	37	
Other Identifications:	1	0	4	3	1	11	1	2	1	3	9	

Additional Comments

TABLE 2

WebCode-Test	Additional Comments
2J8M7P-517	Q11 was inconclusive, not enough minutia. Known impression A-4 was a candidate for Q11, however, in the opinion of this examiner - inconclusive, no ID. Good test.
38XAQA-517	Q6 was considered non-identifiable in the ACE-V process analysis stage.
66F3DR-517	Once again the prints in this test were altered digitally in an attempt to deceive the examiner. The one to one prints were blurred. Just for once I would like to take a test of my skills where the photographs of the prints have not been changed.
7K7KC2-517	The printed copy of Q6 was of less quality than the digital copy; an important focal point was barely visible in the printed copy.
7QUZEY-517	Q8 correct answer is #3 RM marked LM by mistake, will supply documentation if needed.
8BHXAC-518	Q-6 Not identified - Inconclusive - Insufficient detail to identify Item A (RR). Q-11 Not Identified - Inconclusive - Insufficient ridge detail to identify to (R/R) of Item D.
8HTA69-517	NEED TO UPDATE TESTS TO INCLUDE EXCLUSION AND INCONCLUSIVE CONCLUSIONS (Q6)
8Y3WPB-518	Sorry for the cross out in Q9 - the answer is LP as marked with an "x".
9MLP92-517	Q3 item letter = C
9UL4VN-517	Latent Q6 not identified, however, level 1 & 2 detail do have some agreement to the know print Item A, right ring finger, (#4). There is also disagreement, that cannot be sufficiently explained to effect an ID. Therefore, the result is non-ID.
B8LQ2V-517	Q6 should not have been included in this test. It appeared out of focus - smudged and blurry. In real case work this would have been an nsv due to the lack of quality and quantity of friction ridge detail.
CCC4PR-517	Very poor quality photo-paper.
FDX46Q-517	Although some similarities were noted with F#4 (Right Ring), the comparison result of Q6 with the fingerprint record of Lorelai Gilmore (Item A) was inconclusive due to the latent impression containing faint and broken ridge detail, distortion, and smudging.
G8AUER-517	Q6 borderline suitable.
GFYHAV-518	Q1 is a difficult ID because of the clarity of the impression, and two apparent dissimilarities caused by distortion. One apparent dissimilarity noted, was an apparent short ridge about four ridges in from the delta. A second apparent dissimilarity was on the right side of the core, an ending ridge downward separated by one ridge, with an ending ridge in an upward direction. In addition, above the core there are events of uncertainty. I could see where many examiners would make an inconclusive decision.

TABLE 2

WebCode-Test	Additional Comments
GL9N4F-518	Q6 has marginal comparative value. Small pockets of clustered minutiae have weaker discriminating value, and the discontinuities in the ridge paths make it difficult to reliably aggregate all the minutiae available for comparison. The distinctive pattern type coupled with the presence of an eye catching target group near an anchor point makes this print easy to search and consequently causes examiners to inflate its comparative value. CTS did a nice job with the answer sheet for the web portal. The new format is easier to use. Thank you. The printed answer sheet would benefit from additional revision. Instead of shading four lines in a row (Q5-Q8), shade every other row (e.g. Q1, Q3, Q5).
J97C74-517	Yay! Gilmore Girls!
L949TK-518	1. Analysis of Exhibit 5 (CD) revealed ten latent fingerprints and one latent palm print suitable for identification. 2. Four of the latent fingerprints on Exhibit 5 (Q1, Q4, Q5[sic], and Q10) were identified as having originated from the same source as the record fingerprints bearing the name GILMORE, L (Item A). 3. One of the latent fingerprints on Exhibit 5 (Q5) was identified as having originated from the same source as the record fingerprints bearing the name GILMORE, R (Item B). 4. Two of the latent fingerprints and the latent palm print on Exhibit 5 (Q3, Q8 and Q9) were identified as having originated from the same source as the record fingerprints bearing the name GELLAR (Item C). 5. Three of the latent fingerprints on Exhibit 5 (Q2, Q7 and Q11) were identified as having originated from the same source as the record fingerprints bearing the name St. JAMES (Item D). 6. Images of the latent prints in this case will remain on file at this laboratory.
LU4ECJ-518	The distortion in the latent prints appears to have been digitally manufactured and does not appear to be natural distortion encountered in casework prints. This creates noise that is artificial and may fall outside the acceptable limits of the analysts' visual expertise. Please create latent print images with natural distortion factors.
M6YNMJ-517	Q6 and Q1 were very questionable images.
MCH9GY-518	We found the test to be rather too easy. It would be very rare to have such clear latents in a real case. It would be interesting to know if this test was intended as an example of mass case work, or as a test for experienced experts. The test may be more informative if some of the latents were more challenging.
MXHAU2-517	Q11 latent blurry.
Q6P3JE-517	Exemplar right palm item D used to assist identification to the #4 finger Q11.
RDFYPN-517	Latent Q6 seemed to be out of focus and very poor quality image.
TPN8YJ-518	Q6 was a very low quality impression and could very easily be missed by many examiners. I don't believe that this was a fair impression to be tested on as there is no choice to render a "cannot exclude" decision. I feel we are being asked to make decisions on poor quality impressions on a test where in real life a more conservative decision is more appropriate due to the quality of the impression. The same goes for Q11.
VRJW2B-517	The quality of the 1x latents was much worse than the 2x latents which was very frustrating when trying to compare 1 to 1.

Latent Print Examination

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 15-517: Latent Print Examination

DATA MUST BE RECEIVED BY <u>October 19, 2015</u> TO BE INCLUDED IN THE REPORT Participant Code: WebCode:

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

Scenario:

Printed: November 12, 2015

Police are investigating a mugging. A mother and daughter allege that they were attacked and their purchases and handbags stolen as they were leaving an open air market. Some of the stolen items were later recovered, abandoned. Investigators have supplied you with images of eleven latent prints lifted from the scenes. They have also provided you with images of known prints from the mother and daughter, as well as two suspects who were taken into custody based on eyewitness descriptions.

<u>Items Submitted (Sample Pack LPP2 -Photographs):</u>

Item A: Known finger and palm prints of victim Lorelai Gilmore.

Item B: Known finger and palm prints of victim Rory Gilmore.

Item C: Known finger and palm prints of suspect Paris Gellar.

Item D: Known finger and palm prints of suspect Sookie St. James.

Items Q1-Q11: Eleven 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.

Example	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
Example 2														✓

> Participant Code: WebCode:

1.) continued. #6 Right Palm #1 #2 #3 #4 #5 #7 #8 #9 #10 Left Palm Item RMLT LI RP LP RTRΙ RR RL LM LR LL Not Identified Letter RM RR RL LT LM LR LL RP LP Q1 RT RI LI Q2 RT RI RM RR RL LT LI LMLR LL RP Q3 RI RM RR RL LT LI LMLR LL RP RI RR LR RP Q4 RM LI LMLL Q5 RI RM RR LT LI LM LR LL RP LP RI LI Q6 RT RM RR RL LT LM LR LL RP LP **Q7** RI RM RR RL LT LI LM LR LL RP LP RT RL LT **Q8** RI RM RR LI LM LR LL RP LP Q9 RI RM RR RL LT LI LM LR LL RP LP RP Q10 RI RM RR LI LM LR LL RL RP Q11 RI RM RR LI LMLR LL LP 2.) Additional Comments Note: Written conclusions are not required for this test. They are not to be substituted for additional comments.

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by October 19, 2015 to be included in the report.

Participant Code:

ONLINE DATA ENTRY: www.cts-portal.com

FAX: +1-571-434-1937

QUESTIONS?

TEL: +1-571-434-1925 (8 am - 4:30 pm EST) MAIL: Collaborative Testing Services, Inc. P.O. Box 650820

EMAIL: forensics@cts-interlab.com

Sterling, VA 20165-0820 USA

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. 15-517: Latent Print Examination

This release page must be completed and received by **October 19, 2015** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

<u>AS</u>	CLD/LAB Release				
If your lab has been accredited by ASCLD/LAB and you are submitting this data as part of their external proficiency test requirements, have the laboratory's designated individual complete the following. The information below must be completed in its entirety for the results to be submitted to ASCLD/LAB.					
ASCLD/LAB Legacy Certificate No.	ASCLD/LAB International Certificate No.				
Signature	Date				
Laboratory Name					
Location (City & State)					
•	ANAB RELEASE nrough ANAB, please complete the following form in its				
ANAB Certificate No.					
Signature and Title	Date				
Laboratory Name					
Location (City & State)					

Accreditation Release

Return Instructions

Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.

Questions? Contact us 8 am-4:30 pm EST Telephone: +1-571-434-1925 email: forensics@cts-interlab.com