

**APPENDIX G**  
**ITEM-LEVEL CLASSICAL STATISTICS**

**Table G-1. Item-Level Classical Test Theory Statistics—High School Biology**

N	Item		Difficulty	Discrimination	Percent Omitted
	Number	Type			
36321	SC294789	MC	0.80	0.55	0
36333	SC299729	MC	0.68	0.36	0
36321	SC299763	MC	0.78	0.37	0
36320	SC299770	MC	0.45	0.40	0
36335	SC299872	MC	0.84	0.45	0
36336	SC299873	MC	0.70	0.48	0
36335	SC299876	MC	0.76	0.30	0
36336	SC299880	MC	0.72	0.26	0
36334	SC299885	OR	0.55	0.67	1
36320	SC301338	MC	0.84	0.48	0
36320	SC304864	MC	0.66	0.43	0
36321	SC310173	MC	0.64	0.30	0
36336	SC310202	MC	0.60	0.22	0
36383	SC313498	MC	0.81	0.38	0
36340	SC316091	MC	0.91	0.28	0
36321	SC316103	MC	0.81	0.42	0
36338	SC316108	MC	0.71	0.26	0
36336	SC316124	MC	0.77	0.42	0
36318	SC316277	OR	0.46	0.71	3
36336	SC305789	MC	0.54	0.37	0
36340	SC313417	MC	0.68	0.39	0
36321	SC299775	MC	0.71	0.42	0
36321	SC304917	MC	0.75	0.44	0
36268	SC249014	OR	0.33	0.66	1
36226	SC273303	MC	0.71	0.29	0
36269	SC294816	MC	0.76	0.50	0
36269	SC299827	MC	0.59	0.27	0
36229	SC304859	MC	0.70	0.51	0
36271	SC304992	MC	0.56	0.45	0
36269	SC305775	MC	0.51	0.28	0
36229	SC310073	MC	0.68	0.31	0
36228	SC312656	MC	0.51	0.44	0
36229	SC313311	MC	0.59	0.54	0
36270	SC313479	MC	0.73	0.3	0
36217	SC313503	OR	0.50	0.76	1
36225	SC314805	MC	0.70	0.42	1
36269	SC316102	MC	0.73	0.42	0
36264	SC316183	MC	0.85	0.44	0
36229	SC316186	MC	0.76	0.57	0
36383	SC316205	MC	0.92	0.32	0
35813	SC316265	OR	0.54	0.65	1
36270	SC634349124	MC	0.73	0.38	0
36229	SC304892	MC	0.72	0.35	0
36229	SC316925	MC	0.61	0.32	0
36225	SC310725	MC	0.48	0.33	0

**Table G-2. Item-Level Classical Test Theory Statistics—High School Chemistry**

N	Item		Difficulty	Discrimination	Percent Omitted
	Number	Type			
0	SC246829	MC	--	--	--
0	SC258948	MC	--	--	--
0	SC260896	MC	--	--	--
0	SC261167	MC	--	--	--
0	SC261461	MC	--	--	--
0	SC273193	MC	--	--	--
0	SC281183	MC	--	--	--
0	SC281315	MC	--	--	--
0	SC287950	MC	--	--	--
0	SC288237	OR	--	--	--
0	SC294590	MC	--	--	--
0	SC294649	MC	--	--	--
0	SC294698	MC	--	--	--
0	SC294712	MC	--	--	--
0	SC294715	MC	--	--	--
0	SC298318	MC	--	--	--
0	SC299698	MC	--	--	--
0	SC300073	MC	--	--	--
0	SC300076	MC	--	--	--
0	SC300170	MC	--	--	--
0	SC304361	MC	--	--	--
0	SC305195	MC	--	--	--
0	SC309496	OR	--	--	--
0	SC208259	MC	--	--	--
0	SC244914	MC	--	--	--
0	SC246788	MC	--	--	--
0	SC246844	MC	--	--	--
0	SC252681	MC	--	--	--
0	SC258936	MC	--	--	--
0	SC261170	MC	--	--	--
0	SC261486	OR	--	--	--
0	SC275886	MC	--	--	--
0	SC281321	MC	--	--	--
0	SC281922	MC	--	--	--
0	SC287291	MC	--	--	--
0	SC288229	MC	--	--	--
0	SC288234	OR	--	--	--
0	SC294598	MC	--	--	--
0	SC294670	MC	--	--	--
0	SC294705	MC	--	--	--
0	SC298979	MC	--	--	--
0	SC300095	MC	--	--	--
0	SC300129	MC	--	--	--
0	SC300141	MC	--	--	--
0	SC300145	OR	--	--	--

*NOTE: 0 percent omit rate represents very small omit percentages, which are small enough to be rounded to 0. Blank represents the omit percentage is exactly 0.*



**Table G-3. Item-Level Classical Test Theory Statistics—High School Introductory Physics**

N	Item		Difficulty	Discrimination	Percent Omitted
	Number	Type			
11,562	SC206583	MC	0.81	0.46	0
11,560	SC207946	MC	0.61	0.34	0
11,563	SC211087	MC	0.83	0.42	0
11,558	SC226037	MC	0.67	0.49	0
11,560	SC226114	MC	0.47	0.48	0
11,563	SC246865	MC	0.34	0.33	1
11,560	SC246889	MC	0.69	0.47	0
11,555	SC247003	OR	0.45	0.61	2
11,562	SC261110	MC	0.58	0.53	1
11,562	SC261147	MC	0.69	0.37	0
11,562	SC261497	MC	0.65	0.43	0
11,562	SC261513	MC	0.36	0.41	0
11,562	SC266493	MC	0.71	0.39	0
11,558	SC266502	MC	0.58	0.34	0
11,559	SC272658	MC	0.56	0.28	0
11,559	SC272683	MC	0.59	0.29	0
11,562	SC272740	MC	0.35	0.34	1
11,560	SC280446	MC	0.72	0.43	0
11,558	SC280471	MC	0.70	0.45	0
11,563	SC280869	MC	0.78	0.37	0
11,562	SC280932	OR	0.45	0.71	2
11,562	SC287308	MC	0.81	0.48	0
11,563	SC288373	MC	0.80	0.26	0
11,546	SC208333	MC	0.48	0.41	0
11,563	SC208378	MC	0.85	0.33	0
11,561	SC208408	OR	0.45	0.71	2
11,546	SC208480	OR	0.61	0.71	1
11,547	SC208523	MC	0.79	0.45	0
11,560	SC230911	MC	0.88	0.37	0
11,562	SC241706	MC	0.75	0.36	0
11,546	SC251772	MC	0.76	0.49	0
11,546	SC251781	MC	0.82	0.42	0
11,563	SC252042	MC	0.83	0.41	0
11,563	SC253604	MC	0.62	0.44	0
11,562	SC258346	MC	0.76	0.49	0
11,547	SC258348	MC	0.57	0.46	0
11,441	SC261144	OR	0.57	0.71	1
11,547	SC272656	MC	0.64	0.54	0
11,563	SC272665	MC	0.76	0.46	0
11,547	SC272735	MC	0.69	0.54	0
11,547	SC280461	MC	0.50	0.35	0
11,563	SC280808	MC	0.53	0.21	0
11,547	SC288357	MC	0.69	0.51	0
11,563	SC288367	MC	0.64	0.49	0
11,546	SC288368	MC	0.38	0.39	0

**Table G-4. Item-Level Classical Test Theory Statistics—Technology/Engineering**

N	Item		Difficulty	Discrimination	Percent Omitted
	Number	Type			
371	SC206772	MC	0.40	0.47	1
371	SC208126	MC	0.56	0.39	1
371	SC268467	MC	0.89	0.32	1
371	SC279914	OR	0.48	0.51	1
371	SC287802	MC	0.60	0.09	1
371	SC290764	MC	0.20	0.11	1
371	SC294349	MC	0.48	0.33	1
371	SC294386	MC	0.54	0.28	1
371	SC294402	MC	0.65	0.39	1
371	SC297426	MC	0.55	0.44	1
371	SC299265	MC	0.45	0.43	1
371	SC299352	MC	0.75	0.10	1
371	SC300288	MC	0.85	0.36	1
371	SC300295	MC	0.40	0.44	1
371	SC300305	MC	0.45	0.34	1
371	SC305095	OR	0.31	0.64	3
371	SC305145	MC	0.64	0.41	1
371	SC306801	MC	0.65	0.37	1
371	SC306803	MC	0.46	0.30	1
372	SC309909	MC	0.76	0.18	2
371	SC310038	MC	0.84	0.21	1
371	SC310045	MC	0.53	0.29	1
371	SC310314	MC	0.54	0.31	1
371	SC221684	MC	0.57	0.32	1
371	SC271562	MC	0.35	0.35	1
371	SC273146	MC	0.56	0.24	1
372	SC281930	MC	0.84	0.12	1
371	SC283463	MC	0.79	0.42	0
371	SC289975	MC	0.69	0.31	0
371	SC293186	MC	0.52	0.34	1
371	SC294343	MC	0.71	0.41	0
371	SC294344	MC	0.48	0.48	1
371	SC294413	MC	0.42	0.31	1
371	SC299306	OR	0.30	0.48	5
371	SC299351	MC	0.64	0.22	0
371	SC300263	OR	0.36	0.41	2
371	SC300267	MC	0.81	0.17	0
371	SC300286	MC	0.51	0.30	1
371	SC300330	MC	0.40	0.19	1
371	SC305105	MC	0.73	0.44	0
371	SC305143	MC	0.57	0.41	0
371	SC305151	MC	0.33	0.33	0
364	SC306842	OR	0.32	0.60	1
371	SC310010	MC	0.51	0.45	0
371	SC310015	MC	0.52	0.22	0