Chemistry Higher (Section 1 - Objective Test) 2017

Item	Key	Response Frequency Table (%)					
		A	B	C	D	Missing	Invalid
1	A	81	14	2	3	0	0
2	D	2	6	6	86	0	0
3	C	9	6	76	9	0	0
4	B	10	86	3	1	0	0
5	D	6	7	5	82	0	0
6	C	0	2	94	4	0	0
7	B	1	95	3	2	0	0
8	C	18	4	65	13	0	0
9	A	98	1	1	1	0	0
10	C	6	11	68	16	0	0
11	B	17	61	7	15	0	0
12	C	3	3	85	9	0	0
13	B	25	67	4	4	0	0
14	B	18	79	3	0	0	0
15	C	4	9	84	3	0	0
16	A	83	2	2	12	0	0
17	D	1	7	3	89	0	0
18	A	76	14	5	5	0	0
19	D	4	0	2	93	0	0
20	B	22	70	2	6	0	0

Missing:	No responses were selected
Invalid:	More than one response was recorded
Note that all figures are percentages rounded to the nearest whole number	

Chemistry Higher (Section 1 Objective Test) 2016

Item Label	Item nr.	Weight	Key	A	B	C	D	E	F	O/D	Mis-sing	Max	Mean	P	Sd	RSK	Rit	Rir	AR
1	1	1	D	10	11	23	55*			1	98	1	0.55	55	0.50	0.50	41	29	73
2	2	1	A	80*	10	7	2			0	27	1	0.80	80	0.40	0.40	43	33	73
3	3	1	A	83*	5	8	4			0	42	1	0.83	83	0.37	0.37	44	35	73
4	4	1	B	7	81*	9	2			0	27	1	0.81	81	0.39	0.39	35	25	73
5	5	1	B	3	93*	3	1			0	30	1	0.93	93	0.25	0.25	29	22	73
6	6	1	A	66*	8	9	16			1	51	1	0.66	66	0.47	0.47	44	33	73
7	7	1	C	11	5	75*	8			0	37	1	0.75	75	0.43	0.43	47	37	72
8	8	1	D	5	5	19	71*			0	31	1	0.71	71	0.46	0.46	41	29	73
9	9	1	C	3	2	81*	14			0	32	1	0.81	81	0.39	0.39	46	37	72
10	10	1	B	21	40*	25	13			1	85	1	0.40	40	0.49	0.49	34	22	74
11	11	1	B	10	61*	16	12			1	95	1	0.61	61	0.49	0.49	47	36	72
12	12	1	C	8	2	80*	9			0	23	1	0.80	80	0.40	0.40	43	34	73
13	13	1	C	27	10	31*	31			1	133	1	0.31	31	0.46	0.46	40	28	73
14	14	1	B	13	51*	16	20			1	100	1	0.51	51	0.50	0.50	33	21	74
15	15	1	C	2	12	66*	20			0	38	1	0.66	66	0.47	0.47	49	38	72
16	16	1	A	75*	9	12	4			1	58	1	0.75	75	0.44	0.44	40	29	73
17	17	1	C	3	8	68*	21			0	27	1	0.68	68	0.47	0.47	49	38	72
18	18	1	D	5	43	3	49*			0	49	1	0.49	49	0.50	0.50	46	34	73
19	19	1	D	19	13	25	41*			1	86	1	0.41	41	0.49	0.49	36	23	73
20	20	1	A	54*	16	15	16			0	32	1	0.54	54	0.50	0.50	36	23	74

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SubGroup number             : 0
Number of persons in test   : 10068
Minimum test score          : 0
Average test score          : 13.00
Average P-value             : 64.98
Average Rit                 : 0.41
Coefficient Alpha           : 0.74

SubTest number              : 0
Number of selected items    : 20
Maximum test score          : 20
Standard deviation          : 3.67
Std. Error of Measurement   : 1.87

SE Coeff. Alpha             : 0.00
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90% Confidence limits for Coefficient Alpha: (0.73 =< 0.74 =< 0.75)

Estimated Coefficient Alpha if this test had a standard norm length of 40 items: 0.85 (Spearman-Brown)

Chemistry New Higher (Objective Test) 2015

Item Label	Item nr.	Weight	Key	A	B	C	D	E	F	O/D	Mis- singl % #	Max	Mean	P	Sd	RSK	Rit	Rir	AR
1	1	1	D	6	7	2	84*			1	25	1	0.84	84	0.36	0.36	33	24	72
2	2	1	C	2	2	89*	6			0	17	1	0.89	89	0.31	0.31	19	10	72
3	3	1	D	6	9	9	74*			1	25	1	0.74	74	0.44	0.44	43	32	71
4	4	1	A	94*	3	1	2			0	16	1	0.94	94	0.24	0.24	32	26	72
5	5	1	C	2	10	80*	8			1	29	1	0.80	80	0.40	0.40	43	32	71
6	6	1	B	14	63*	11	11			1	23	1	0.63	63	0.48	0.48	49	38	70
7	7	1	A	29*	7	57	7			1	32	1	0.29	29	0.45	0.45	36	23	72
8	8	1	B	1	50*	45	3			1	28	1	0.50	50	0.50	0.50	32	18	72
9	9	1	B	9	79*	7	4			1	27	1	0.79	79	0.41	0.41	43	33	71
10	10	1	A	58*	4	3	35			1	22	1	0.58	58	0.49	0.49	33	19	72
11	11	1	D	5	14	13	68*			0	19	1	0.68	68	0.47	0.47	53	42	70
12	12	1	D	8	10	34	48*			1	24	1	0.48	48	0.50	0.50	48	36	71
13	13	1	B	9	83*	2	6			1	22	1	0.83	83	0.38	0.38	47	38	71
14	14	1	C	5	9	74*	11			1	23	1	0.74	74	0.44	0.44	48	38	70
15	15	1	B	12	69*	4	14			1	35	1	0.69	69	0.46	0.46	51	40	70
16	16	1	A	58*	29	3	9			0	20	1	0.58	58	0.49	0.49	41	28	71
17	17	1	D	15	6	10	67*			1	54	1	0.67	67	0.47	0.47	46	34	71
18	18	1	A	89*	6	2	3			0	20	1	0.89	89	0.31	0.31	26	17	72
19	19	1	A	67*	20	7	5			0	18	1	0.67	67	0.47	0.47	44	33	71
20	20	1	C	18	25	38*	18			1	53	1	0.38	38	0.48	0.48	27	14	73

Number of persons in test   : 4002
Minimum test score   : 0
Average test score   : 13.61
Average P-value   : 68.04
Average Rit   : 0.40
Coefficient Alpha   : 0.72
GLB   : 0.77
Items used in GLB proc   : 20

Number of selected items   : 20
Maximum test score   : 20
Standard deviation   : 3.47
Std. Error of Measurement   : 1.70

SE Coeff. Alpha   : 0.01
Asymptotic GLB coef   : 0.76

90% Confidence limits for Coefficient Alpha: (0.71 =< 0.72 =< 0.73)

Estimated Coefficient Alpha if this test had a standard norm length of 40 items: 0.84 (Spearman-Brown)