

Chapter III

Answers to the 2002 AP Chemistry Exam

Section I: Multiple Choice

Listed below are the correct answers to the multiple-choice questions, the percent of AP students who answered each question correctly by AP grade, and the total percent answering correctly.

Section I Answer Key and Percent Answering Correctly

Item No.	Correct Answer	5	4	3	2	1	Total Percent Correct
1	A	80	71	65	59	46	63
2	C	95	87	77	64	39	70
3	D	91	85	79	72	52	74
4	B	85	70	57	45	29	54
5	E	90	82	77	72	61	75
6	C	81	67	56	46	35	55
7	D	84	71	62	53	43	61
8	D	81	59	40	26	15	41
9	B	88	80	73	67	55	71
10	A	91	79	63	49	28	59
11	D	99	98	92	82	49	82
12	E	69	42	25	16	11	30
13	C	94	84	73	59	40	67
14	B	97	91	82	68	44	74
15	B	90	74	56	42	32	56
16	A	89	75	60	47	32	58
17	A	97	91	80	64	35	70
18	D	97	92	79	61	31	69
19	E	97	91	81	65	38	72
20	E	94	85	74	60	36	67
21	B	85	67	51	36	19	48
22	C	85	73	61	48	32	57
23	D	63	49	38	29	18	37
24	C	98	95	88	79	59	82
25	A	92	83	73	60	36	66
26	B	89	77	63	44	23	56
27	A	83	63	47	32	16	45
28	E	93	84	74	61	39	68
29	C	86	68	54	39	24	51
30	C	94	87	80	69	42	72
31	A	92	78	60	43	23	56
32	B	89	79	71	64	52	69
33	D	94	86	76	63	43	70
34	A	75	50	32	19	10	34
35	A	91	74	53	39	25	53
36	B	51	35	26	21	17	28
37	A	85	65	44	29	20	45
38	D	97	84	64	47	30	61
39	B	94	87	76	66	53	73
40	D	69	47	25	12	8	29
41	C	85	63	42	25	16	43
42	B	62	35	20	11	5	24
43	D	78	63	51	40	26	49
44	E	92	85	76	65	42	70
45	A	88	67	44	24	15	44
46	B	85	74	65	56	38	62
47	C	69	52	39	29	17	39
48	B	85	66	48	35	23	48
49	D	64	39	27	21	16	31
50	C	38	22	14	8	6	16
51	B	88	72	54	34	14	49
52	B	93	88	79	66	39	71
53	D	94	83	67	50	30	62
54	D	79	60	43	29	18	43
55	A	74	63	57	51	38	55
56	A	93	81	66	51	32	62
57	D	92	77	58	37	15	52
58	A	87	72	52	31	12	47
59	B	70	53	40	30	20	40
60	A	93	81	60	35	15	53
61	C	62	29	13	7	11	22
62	B	57	38	27	18	12	28
63	B	65	37	20	10	8	25
64	E	88	61	34	17	9	38
65	C	81	60	43	33	22	45
66	C	82	61	40	24	17	41
67	B	88	70	52	40	26	52
68	C	89	73	59	46	34	57
69	A	86	70	47	29	15	46
70	C	58	38	26	18	15	29
71	B	43	14	6	5	8	13
72	D	75	48	30	21	18	35
73	E	65	43	31	23	20	34
74	B	67	35	21	15	12	27
75	A	64	30	13	7	7	21