

Chapter VII: Answers to the 2009 AP Physics C: Electricity and Magnetism Exam

■ Section I: Multiple Choice

- Section I Answer Key and Percent Answering Correctly
- Analyzing Your Students' Performance on the Multiple-Choice Section
- Diagnostic Guide for the 2009 AP Physics C: Electricity and Magnetism Exam

■ Section II: Free Response

- Comments from the Chief Reader
- Scoring Guidelines, Sample Student Responses, and Commentary

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 score, and the total percent answering correctly.

Section I Answer Key and Percent Answering Correctly

Item No.	Correct Answer	Percent Correct by Score					Total Percent Correct
		5	4	3	2	1	
1	E	90	72	64	52	33	69
2	A	89	77	70	66	48	75
3	E	89	72	60	48	32	68
4	E	70	50	44	39	31	52
5	B	77	57	48	40	27	56
6	E	87	68	52	32	11	60
7	A	99	98	93	83	48	89
8	C	90	70	53	37	19	64
9	A	75	61	52	47	33	59
10	E	80	58	44	35	17	56
11	E	99	92	80	62	26	81
12	D	72	52	38	28	14	49
13	B	93	82	72	61	38	76
14	E	66	34	22	20	20	40
15	E	83	51	34	19	9	50
16	B	77	43	29	20	11	46
17	D	93	80	67	52	26	72
18	B	74	48	39	27	17	49

Item No.	Correct Answer	Percent Correct by Score					Total Percent Correct
		5	4	3	2	1	
19	E	83	61	46	32	16	57
20	D	83	57	41	28	14	54
21	A	73	38	27	18	12	42
22	A	27	14	11	6	6	16
23	A	53	20	10	8	6	26
24	E	52	25	19	16	13	31
25	D	94	88	82	73	43	82
26	E	79	56	44	36	21	55
27	E	54	35	32	30	26	39
28	C	68	35	23	18	15	40
29	D	19	11	12	12	12	14
30	E	61	32	24	17	10	36
31	C	71	42	32	22	16	44
32	D	71	30	14	9	8	36
33	D	49	22	16	12	9	27
34	E	92	70	50	34	17	63
35	B	57	35	29	24	20	38