

### Summary of Multiple Choice Questions on the AP Chemistry Exam (1984)

<u>Topic</u>	<u>Problem Numbers</u>	<u>% of Exam</u>
Stoichiometry/Mole relationships	44,45,52,73,85	5.9
Gas Laws/Kinetic Theory	21,23,39,50,78	5.9
Atomic Theory	19,22,58,66,70	5.9
Bonding/Intermolecular Forces	8,9,18,40,41,51,60,80	9.5
Periodic Properties	43	1.2
Solutions/Phase Diagrams	27,37,54,55,59,67,69,84	9.4
Rates and Equilibrium	25,26,28,36,76,82	7.1
Precipitation	68,74	2.4
Acid/Base/Buffer	33,48,49,53,63,64,75	8.2
Oxidation/Reduction/Electrochemistry	14,15,16,17,20,34,46,65,79	10.6
General	1,2,3,4,5,6,7,24	9.4
Thermodynamics	29,47,56,57,83	5.9
Qualitative	10,11,12,13,31,35	7.1
Reactions	32,42,61,71,81	5.9
Nuclear	30,38	2.4
Organic	77	.9
Laboratory	62,72	2.4

### Summary of Multiple Choice Questions on the AP Chemistry Exam (1989)

<u>Topic</u>	<u>Problem Numbers</u>	<u>% of Exam</u>
Stoichiometry/Mole relationships	23,24,25,37,39,40,67	9.3
Gas Laws/Kinetic Theory	16,30,32,62	5.3
Atomic Theory	4,5,6,7,33	5.3
Bonding/Intermolecular Forces	11,12,13,14,17,42,47,59	10.7
Periodic Properties	1,2,3	4.0
Solutions/Phase Diagrams	15,21,26,27,43,49,50,51,71,72	13.3
Rates and Equilibrium	29,54,57,58	5.3
Precipitation	65,66	2.7
Acid/Base/Buffer	8,9,10,19,34,35,46,55,56,74	13.3
Oxidation/Reduction/Electrochemistry	20,22,60,61,75	6.7
General	28,31,44,48,73	6.7
Thermodynamics	41,53,70	4.0
Qualitative	63,64,69	4.0
Reactions	52	1.3
Nuclear	18,38,68	4.0
Organic		0
Laboratory	36,45	2.7

### Summary of Multiple Choice Questions on the AP Chemistry Exam (1994)

<u>Topic</u>	<u>Problem Numbers</u>	<u>% of Exam</u>
Stoichiometry/Mole relationships	19,33,39,56,59,71	8.0
Gas Laws/Kinetic Theory	24,37,40,45,64	6.7
Atomic Theory	1,2,3,4,27,54	8.0
Bonding/Intermolecular Forces Periodic Properties	8,9,10,15,32,34,57,62,68	12.0
Solutions/Phase Diagrams	5,6,7,14,26,28,44,47,53	12.0
Rates and Equilibrium	17,30,48,49,51,73	8.0
Precipitation	65	1.3
Acid/Base/Buffer	16,22,31,50,55,61,66,74	10.7
Oxidation-Reduction/Electrochemistry	18,20,36,63,75	6.7
General	11,12,13,23	5.3
Thermodynamics	25,35,58,60	5.3
Qualitative/Descriptive	29,41,46,52	5.3
Nuclear	21,72	2.7
Organic	43	1.3
Laboratory	38,42,67,69,70	6.7