HONORS CHEMISTRY FINAL EXAM PRACTICE EXCLUDED PROBLEMS

**Practice Test 1**

13-17, 25, 108, 111, 113, 48, 59-60, 63-64, 70, 73, 75, 76, 78, 80-82, 85

13-16 (organic)  
17 (VSEPR)  
25 (organic)  
108 (electrochemistry)  
110 (gibbs)  
111 (acid/base equilibria)  
113 (sigma/pi bonds)  
48 (VSEPR)  
59 (nuclear)  
60 (acid/base equilibria)  
63 (graham’s law of effusion)  
64 (resonance)  
70 (spontaneity)  
73 (entropy)  
75 (colligative properties)  
76 (acid/base equilibria)  
78 (solubility equilibria)  
80 (solubility equilibria)  
81 (redox/charge balancing)  
82 (gas equilibrium)  
85 (electrochemistry)

**Practice Test 3**

5-11, 20, 103, 113-114, 50, 52, 56-59, 63, 65, 71, 73, 75, 82, 84-85

5-7 (electrochemistry)  
8-11 (phase diagram)  
20 (Brownian movement)  
103 (oxidation numbers)  
113-114 (organic)  
50 (sigma/pi bonding)  
52 (hybridization)  
56 (nuclear)  
57 (acid/base equilibria)  
58 (colligative properties)  
59 (VSEPR)  
63 (electrochemistry)  
65 (electrochemistry)  
71 (solubility equilibria)  
73 (electrochemistry)  
75 (Gibbs/entropy)  
82 (hybridization)  
84 (ICE chart)  
85 (colligative properties)

**Practice Test 4**

15, 103, 108-109, 111, 113, 46, 48-51, 53, 60-61, 63, 77, 79-80, 84, 85

15 (buffers)  
103 (organic)  
108 (redox)  
109 (graham’s law)  
111 (Gibbs)  
113 (memorization of heat of fusion values)  
46 (organic)  
48 (electrochemistry)  
49-51 (oxidation numbers)  
53 (oxidation numbers)  
60-61 (electrochemistry)  
63 (solubility equilibria)  
77 (electrochemistry)  
79 (ICE chart)  
80 (gas equilibrium)  
84 (colligative properties)  
85 (nuclear)