Grading Guide: 2010 Midterm

The following tells you how points were awarded on the exam. In some cases partial credit was also awarded even if a particular criterion was not met fully. Each question or sub-question is worth 5 points. Except where noted, answers get the specified number of points for each detail listed, and then those points are summed up for your point total on that question.

Question numbering is from the version of the exam used for the solutions. Your exam might have the order of questions changed.

1.
2: z-value
3: probability
        OR 2 for correct probability corresponding to wrong z-value
        OR 2 for .0062% instead of .62%
        OR 1 if 100%-.62% instead of .62%

2.
1: variance
1: standard error
1: c = 1.96
2: confidence interval

3.
1: hypotheses
1: t-stat
1: c=2.33
1: reject/fail to reject based on your answers to previous parts
1: interpretation in words of rejection/failure to reject

4.
2: come up with omitted variable and its effect on price
2: sign the correlation between pollution and omitted variable
1: correct conclusion about sign of bias from previous parts of your answer
OR up to 2 points for an answer doing none of these correctly but still saying something coherent

5a.
2: addressing the TRUE population parameters and not the estimated coefficients
2:    an elasticity or correct ceteris paribus statement
1:    effect of old generator or correct ceteris paribus statement

5b.
1:
1: standard error
1: c=1.96
1: confidence interval
1: interpretation in words

5c.
1: hypotheses
1: t-stat
1: c=1.96
1: reject/fail to reject based on your previous parts of answer
1: economic interpretation in words

6a. *Don't add up points on this question: number of points awarded corresponds to which category below best describes your answer:*
5: 3.45% decrease
3: decrease with wrong order of magnitude (.345%, 34.5%, etc.)
3: 3.45% increase
3: 3.45 decrease (not in %)
2: correct marginal effect but didn't multiply by 15

6b.
2: "no"
3: correct p-value argument or correct t-statistic argument
OR up to 2 points for answers not addressing question from the standpoint of statistical significance but offering a coherent statement

6c.
1: hypotheses
1: F-stat
1: c (depends on significance level and how you picked from the F-table)
1: reject/fail to reject based on previous parts of your answer
1: interpretation in words