

ESGN 463 / 563: Quiz #2 Industry and the Environment

Name: _____.

You have 20 minutes. Open book and notes. **Target fifteen words per question.** If you draw a blank, guess! Two points per question.

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Question #1: In class, we discussed several potential impacts of climate change. What is the single biggest potential impact that will affect the largest number of people?

Question #2: In Minimata, Japan, why did the discharger assume the mercury would not be harmful AND why was this assumption incorrect?

Question #3: The hole in the ozone layer was first discovered in 1976, but it took until 1983 before scientists agreed the decrease was real and rapid. How do CFCs destroy ozone **AND** what role does polar night play in the reactions?

Question #4: What percentage of municipal solid waste is recycled **AND** what percentage of the population has access to a curbside recycling program?

Question #5: Nitrogen oxide reacts with oxygen in the air to produce _____ which gives the air a reddish brown color. It can go on to react with _____ to produce _____ and _____. Why is Denver particularly susceptible to formation of these pollutants?

Bonus: The nuclear reactor meltdown at Three Mile Island could have been prevented if one or both of these simple "fixes" had been included in the reactor design.