**Questions: “Alternative Fuels and Environmental Pollution”**

1. **Which are the “*cleanest*” alternative fuels and why?**

The cleanest alternative fuels are ethanol and biodiesel because their total emissions from production, storage and combustion are the smallest from all the alternative fuels.

1. **What are the *advantages* of electricity and hydrogen as alternative fuels?**Electricity and hydrogen produce no emissions during combustion. With these fuels, cars do not emit any harmful gases when driving.

1. **Why are electricity and hydrogen not “cleaner” than biodiesel and ethanol?**Although they produce no emissions during combustion, their production and storage emit more total emissions than production, storage and combustion of biodiesel and ethanol.

1. **How could electricity and hydrogen be made “cleaner” alternative fuels?**If new ways of production and storage can be found for these fuels, they could become the cleanest fuels because they do not produce emissions during combustion. The new ways of production and storage have to be more efficient and environmentally friendly to reduce the total emissions from production and storage during the fuel’s life cycle.