1. (10 points) Write the structures of $\bf A$ and $\bf B$. Absolute configuration is not important, but both relative configuration and alkene geometry are important.

2. (10 points) Deduce the structure of C, and draw an arrow-pushing mechanism for its formation.

3. (10 points) Would **D** be converted into **E** or **F**? What starting material would you need to make the other alternative product?