1. Which of the following compounds is the least acidic?

\[
\begin{array}{c}
\text{A} & \text{B} & \text{C} & \text{D} & \text{E} \\
\end{array}
\]

2. Which of these molecules will exist the most in enol form?

\[
\begin{array}{c}
\text{A} & \text{B} & \text{C} & \text{D} & \text{E} \\
\end{array}
\]

3. Which of the following will be the major product of the reaction sequence below?

\[
\begin{array}{c}
\text{O} & \text{Me} & \text{N} & \text{Me} & \text{N} & \text{N} & \text{N} \\
\text{A} & \text{B} & \text{C} & \text{D} & \text{E} \\
\end{array}
\]

4. Which of the following will be the major product of the reaction sequence below?

\[
\begin{array}{c}
\text{O} & \text{O} & \text{O} & \text{O} & \text{O} \\
\text{A} & \text{B} & \text{C} & \text{D} & \text{E} \\
\end{array}
\]
Answers

1) B
2) B
3) A
4) C