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Organ	HC: I	II (JI	11/	20

Name:

Signature:

Recitation Instructor:

The following quiz begins 5 minutes into the start of your recitation and will last for 1/2 hour. Good Luck!

1. Please fill in the blank (3 points each)

2. Please show a mechanism for the following transformation (4 points).

$$\begin{array}{c}
O \\
\text{LiN}/Pr_2; \\
MeO
\end{array}$$

3. Propose a synthesis for the following interconversion (10 points). hint: A cope rearrangement at some point in the synthesis might dramatically simplify the synthesis.