QUESTION 1
MC29ea
Give the IUPAC name for the following structure
(stereochemistry is ignored)

\[
\text{Br} \quad \text{OMe}
\]

A 1-methoxy-3-bromohexane  
B 3-bromo-1-methoxyhexane  
C 3-bromohexyl methyl ether  
D methyl 3-bromohexyl ether

QUESTION 2
MC29ea
Give the product of the following reaction

\[
\begin{array}{c}
\text{O} \\
\text{EtOH} \\
\text{HCl}
\end{array}
\quad \rightarrow \quad ???
\]

A  
B  
C  
D

A  
B  
C  
D
QUESTION 3
MC29ec
Give the product of the following reaction sequence
1. Na⁺ −OMe/MeOH
2. Na⁺ −H
3. ???

A
B
C
D

QUESTION 4
MC29ed
Which is the correct IUPAC name for the following compound?

A (1R)-methoxy-(2S)-ethoxycyclopentane
B cis-1-methoxy-2-ethoxycyclopentane
C (1S)-ethoxy-(2R)-methoxycyclopentane
D cis-1-ethoxy-2-methoxycyclopentane
QUESTION 5
MC30b

What is the TOTAL NUMBER of reasonable resonance structures that can be drawn for the first intermediate in the following reaction:

\[
\begin{array}{c}
\text{Br-Br} \\
\text{A two} & \text{C four} \\
\text{B three} & \text{D five}
\end{array}
\]

QUESTION 6
MC30c

What is the TOTAL number of reasonable resonance structures that can be drawn for the product of the following acid/base reaction?

\[
\begin{array}{c}
\text{A two} & \text{C four} \\
\text{B three} & \text{D five}
\end{array}
\]
QUESTION 7
MC30d

What is the TOTAL NUMBER of reasonable resonance structures that can be drawn for the first intermediate in the following reaction:

\[
\begin{align*}
\text{I} & \\
\text{H} & \\
\text{H} & \\
\text{H} & \\
\text{O} & \\
\end{align*}
\]

A two B three C four D five

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QUESTION 8
MC27m

Which best describes the product of the following reaction sequence?

\[
\begin{align*}
\text{Br} & \\
\text{OH} & \\
\text{OH} & \\
\text{OH} & \\
\text{OH} & \\
\end{align*}
\]

\[
\begin{align*}
\text{OH} & \\
\text{OH} & \\
\text{OH} & \\
\text{OH} & \\
\text{OH} & \\
\end{align*}
\]

A \(\pm\) B \(\pm\) C D

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QUESTION 9
There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes
What overall final grade do you expect to earn in this class?
A  B  C  D

QUESTION 10
There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes
How hard did you work on organic chemistry this week (not including watching/attending lectures)
A  Very Hard  B  Hard  C  Somewhat Hard  D  Not very Hard this week