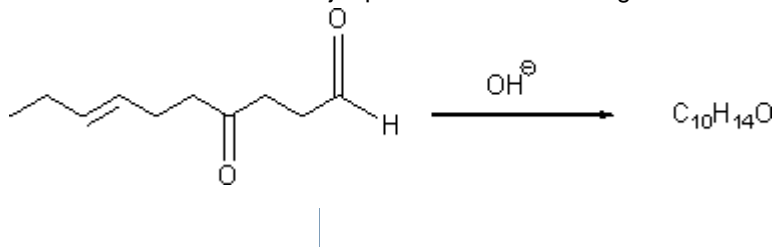


 **Preview Assessment: 326WS7 Part 1**

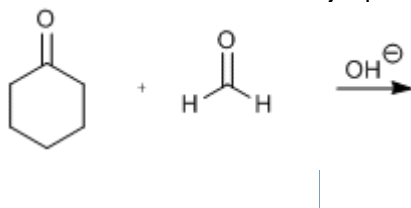
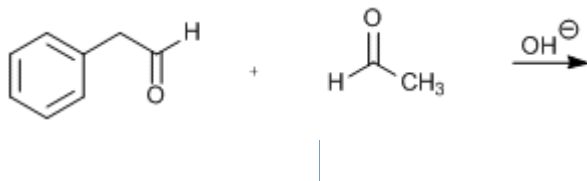
Name 326WS7 Part 1

Instructions**Multiple Attempts** This Test allows multiple attempts.**Force Completion** This Test can be saved and resumed later.▼ **Question Completion Status:****Question 1****1 points** [Save](#)

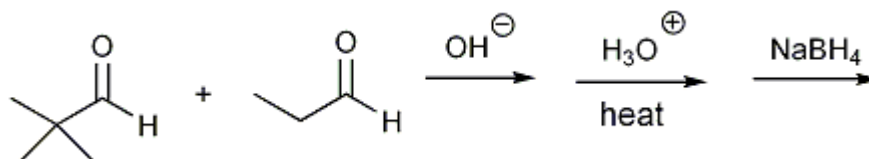
Draw the structure of the major product of the following reaction sequence:

**Question 2****1 points** [Save](#)

Draw the structure of the major product of the following reaction:

**Question 3****1 points** [Save](#)There are four major products from the following crossed-aldol reaction. Draw the structure of the product with the molecular formula of $\text{C}_{10}\text{H}_{12}\text{O}_2$ (you do not need to specify the stereochemistry):**Question 4****1 points** [Save](#)

Draw the structure of the major product of the following reaction sequence.



Question 5

1 points

[Save](#)

Draw the structure of the major product of the following reaction sequence (you do not need to specify the stereochemistry):

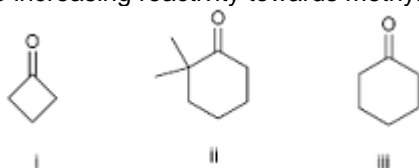


Question 6

1 points

[Save](#)

Choose the order that has the following carbonyl groups correctly arranged with respect to increasing reactivity towards methyl lithium ($\text{CH}_3\text{-Li}$).



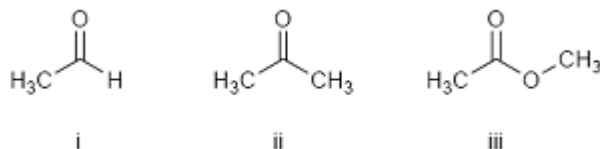
- i < ii < iii
 i < iii < ii
 ii < i < iii
 ii < iii < i
 iii < ii < i

Question 7

1 points

[Save](#)

Choose the order that has the following C=O groups correctly arranged with respect to increasing resonance stabilization.



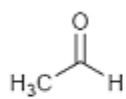
- i < ii < iii
 i < iii < ii
 ii < i < iii
 ii < iii < i
 iii < ii < i

Question 8

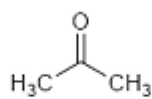
1 points

[Save](#)

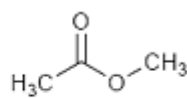
Choose the order that has the following compounds correctly arranged with respect to increasing acidity.



i



ii

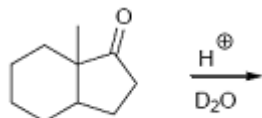


iii

- i < ii < iii
 i < iii < ii
 ii < i < iii
 ii < iii < i
 iii < ii < i

Question 9**1 points**[Save](#)

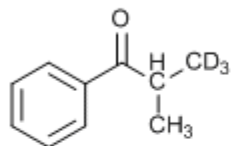
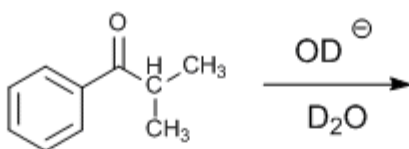
Choose the correct formula for the product of the following reaction.

 $C_{10}H_{16}O$

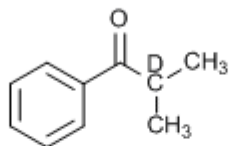
- $C_{10}H_{15}DO$
 $C_{10}H_{12}D_4O$
 $C_{10}H_{14}D_2O$
 $C_{10}H_{13}D_3O$
 $C_{10}H_{11}D_5O$

Question 10**1 point**

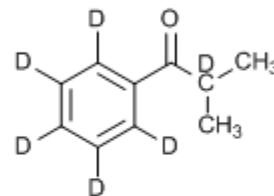
Predict the major product of the following reaction.



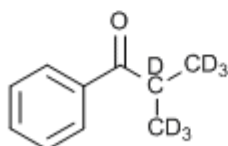
i



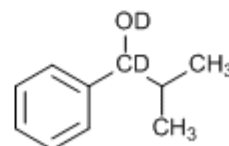
ii



iii



iv



v

- i
- ii
- iii
- iv
- v

Save

Submit