

CHM 234, Spring 2018

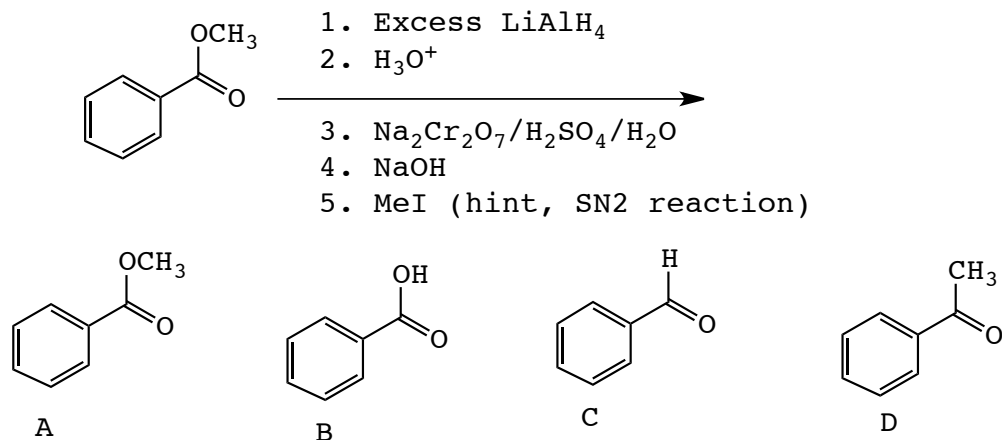
QUIZ #5

(hit the RETURN Button to return to the Main Quiz Page)

QUESTION 1

MC29f

Give the product of the following reaction sequence with the starting material shown



QUESTION 2

MC29o

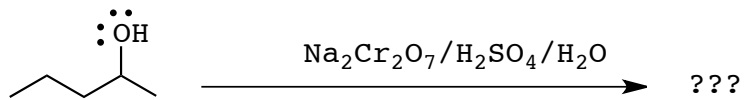
Which is the WEAKEST Bronsted acid?



QUESTION 3

MC29t

Identify the following reaction as indicated
(stereochemistry is ignored)

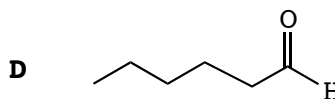
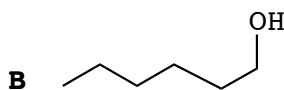
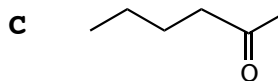
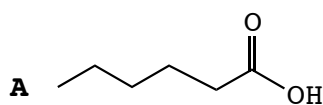
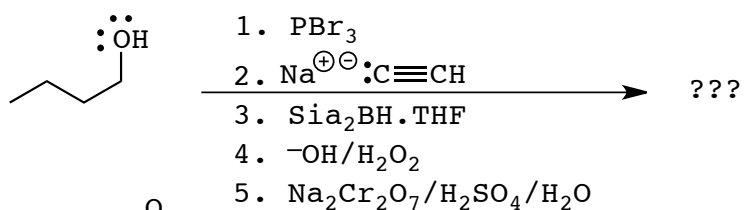


- A **addition** and **neither oxidation or reduction**
 - B **elimination** and **neither oxidation or reduction**
 - C **addition** and **reduction**
 - D **elimination** and **oxidation**
-

QUESTION 4

MC29u

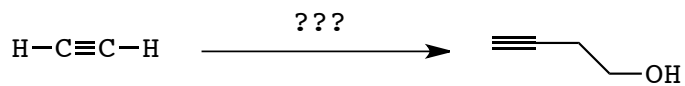
gove the product of the following reaction sequence





QUESTION 5


MC29u


Give the reagents/conditions to perform the following reaction



- A**
1. NaNH_2
 2. 
 3. H_3O^+

- C**
1. NaNH_2
 2. 
 3. H_3O^+

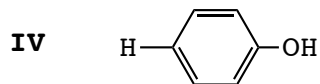
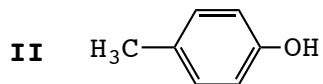
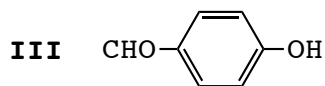
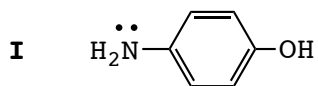
- B**
1. NaNH_2
 2. 
 3. H_3O^+

- D**
1. NaNH_2
 2. 
 3. H_3O^+
-

QUESTION 6

MC29w

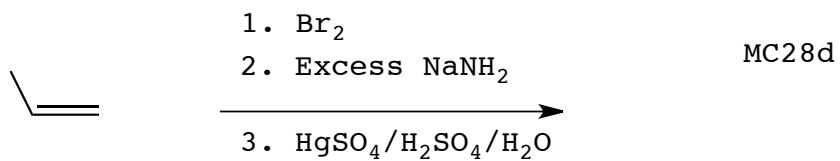
rank the following in order of DECREASING Bronsted acidity



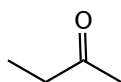
- A** III > IV > II > I
B IV > II > III > I
C IV > III > I > II
D I > II > IV > III
-

QUESTION 7

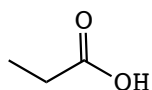
Which is the product of the following reaction sequence?



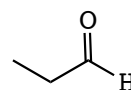
A



B



C

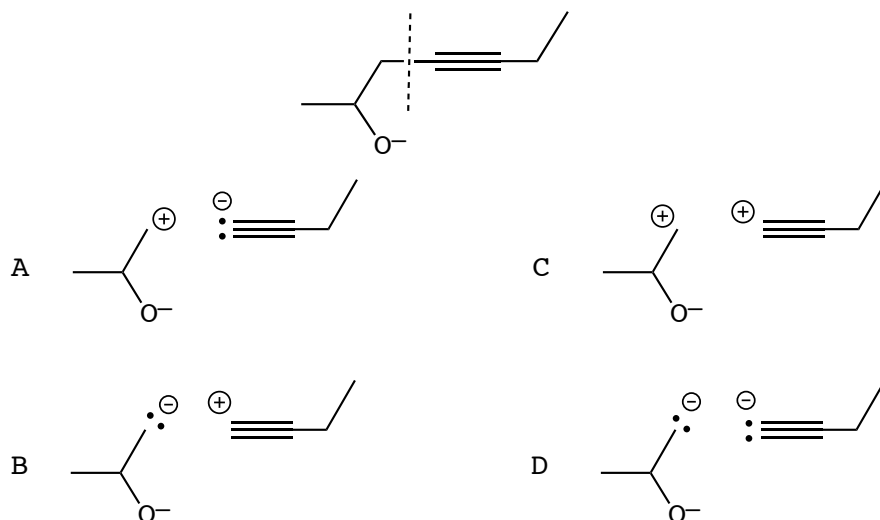


D

QUESTION 8

MC28n

Which are the best synthons for disconnection of the bond indicated by the dashed line?



QUESTION 9

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I believe I can earn an A grade in organic chemistry

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always

QUESTION 10

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I am confident that I will do well on organic chemistry tests

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always

QUESTION 11

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I believe that I can master organic chemistry knowledge and skills

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always

QUESTION 12

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I'm sure I can understand organic chemistry

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always

