(a) Show a mechanism, using electron arrow pushing, for the following reaction:

(b) Explain why only one regiosomer is formed.

(c) Draw a mechanism, using electron arrow pushing, for the addition of HBr across an alkeine. Underline this mechanism. Briefly explain why only one regiosomer is formed.

2. Provide a mechanism for the following reactions (10 points, 5 points each)

3. Show the reactants, reagents, or products of the following reactions (10 points, 2.5 points each)

The following quiz will begin 5 minutes into the start of the exam. Good luck.

Reception Information:
Name (sigm): 
Name (print): 
Quiz #
1. Provide a mechanism for the following reactions (5 points each):

   (a) 
   
   (b) 
   
   (c) 
   
   (d) 
   
2. (10 points, 1 point each)

(a) Show the reactants, reagents, or products of the following reactions:

(b) Mechanism: briefly explain why only diastereomers are formed.

(c) Draw a mechanism using electron arrow pushing for the addition of Br₂ across an alkene. Using this mechanism, briefly explain why only diastereomers are formed.
2. Provide a mechanism for the following reactions (10 points, 5 points each)

(a) Show the mechanism using an arrow pointing for the second step of the Swern Oxidation.

(b) Show the mechanism using an arrow pointing for the second step of the Swern Oxidation.

(c) Provide a mechanism for the following reaction (5 points, 2.5 points each)

(d) Provide a mechanism for the following reaction (5 points, 2.5 points each)

(e) Provide a mechanism for the following reaction (5 points, 2.5 points each)

(f) Provide a mechanism for the following reaction (5 points, 2.5 points each)

Reactions Instructor:
Name: (sign)
Name (print):
Quiz TC:
(b) Show a mechanism using electron arrow pushing for the following reaction.

(c) Show the structure of both the intermediate and the product.

(d) Show arrows that illustrate the following final step(s) in the periodic acid oxidation. What is the oxidation state of iodine in both the intermediate and the product?

2. Provide a mechanism for the following reactions (10 points, 5 points each).

(a) 

(b) 

(c) 

(d) 

(e) 

(1) Show the reactants, reagents, or products of the following reactions. (10 points, 2.5 points each)

The following quiz will begin 5 minutes into the start of instruction and will last 30 minutes. Good luck.

Reception Instruction:

Name (first): 

Name (last): 

Quiz ID:
(a) Show a mechanism using electron arrow pointing for the follow reaction.

(b) Show arrows that illustrate the following reaction.

(c) Provide a mechanism for the following reactions (10 points, 5 points each).

(d) Show the reactants, reagents, or products of the following reactions (10 points, 5 points each).

The following quiz will begin 5 minutes into the start of instruction and will last 30 minutes. Good luck.

Rejection Instruction:

Name (sign):
Name (print):
Quiz #
(a) Show a mechanism, using electron arrow pushing, for the following reaction.

(b) not observed

(c) Draw a mechanism, using electron arrow pushing, for the addition of HBr across an alkene. Using this mechanism, briefly explain why only one regiosomer is formed.

2. Provide a mechanism for the following reactions (10 points, 5 points each)

(a) 

(b) 

(c) 

(d) 

(e) 

(1) Show the reagents, intermediates, or products of the following reactions. (10 points, 2.5 points each)

The following quiz will begin in 5 minutes and the start of the reaction and will last 30 minutes. Good luck.

Instructor:

Name (first):

Name (middle):

Name (last):
2. Provide a mechanism for the following reactions (10 points, 5 points each):

(a) Show the mechanism, using electron arrow pushing, for the following reaction:

(b) Draw a mechanism, using electron arrow pushing, for the addition of Br₂ across an alkene. Using this mechanism, briefly explain why only dibromomethane is formed.

(c) Draw a mechanism, using electron arrow pushing, for the following reaction:

(d) Provide the products of the following reactions (10 points, 5 points each):

(e) Provide the products of the following reactions (10 points, 5 points each):

The following quiz will begin 5 minutes into the start of the lecture and will last 30 minutes. Good luck.

Name (first): 
Name (last): 
Quiz ID: 
Quiz: 1c.

Name (print): ____________________________
Grade (sign): ____________________________

Recitation Instructor: ____________________________

The recitation quiz will begin 5 minutes into the start of recitation and will last 30 minutes. Good luck.

1. Show the reactants, reagents, or products of the following reactions. (10 points, 2.5 points each)

   (a) 
   (b) 
   (c) 
   (d) 

2. Provide a mechanism for the following reactions. (10 points, 5 points each)

   (a) Show the mechanism using electron arrow pushing for the first step of the Swern Oxidation.
   (b) Show the mechanism using electron arrow pushing for the follow reaction.

   [Chemical structures and mechanisms are shown in the image but not transcribed here.]
(a) Show a mechanism using electron arrow pointing for the follow reaction.

(b) Show arrows that illustrate the following partial steps in the periodic acid oxidation. What is the oxidation state of iodide in both the intermediate and the pyridine.

(c) Provide a mechanism for the following reaction (10 points, 5 points each).

(d) Show the mechanism, reagents, or products of the following reactions. (10 points, 2.5 points each.)

The following quiz will begin 5 minutes into the start of reaction and will last 30 minutes. Good luck.

Instructor:
Name (Sig):

Quiz 1A
(a) Show a mechanism using arrow-pushing for the following reaction:

(b) Show arrows that illustrate the following reaction:

(c) Provide a mechanism for the following reactions (10 points, 5 points each):

(d) Show the reactants, reagents, or products of the following reactions. (10 points, 2.5 points each):

The following quiz will begin 5 minutes into the start of the reaction and will last 30 minutes. Good luck!

Proctor: Instructor: 
Name (sig): 
Name (print): 
Quiz #6