

Organic Chemistry II

Join Code: 738695

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Quiz 1 July 08, 2020 18:05:08

Contains 9 items • Worth 25 points [Adjust Points](#)[PREVIEW](#)[RESPONSES \(41\)](#)

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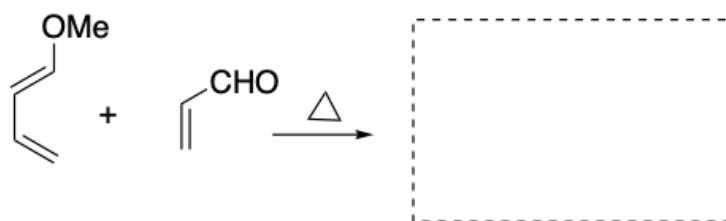
CEM 252 (730)

Quiz 1-25 pts

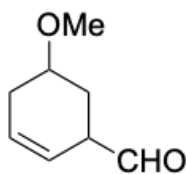
1.

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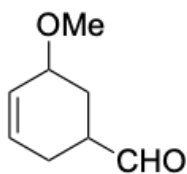
What is the product for the Diels-Alder reaction below?



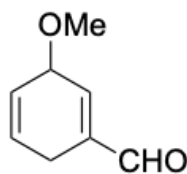
A.



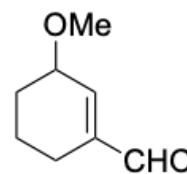
B.



C.



D.



A

A

B

B



C

C

D

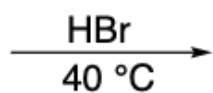
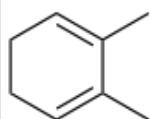
D



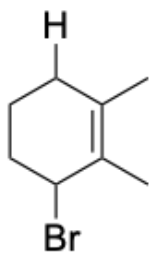
2.

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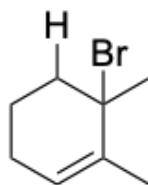
What is the major product of the reaction below?



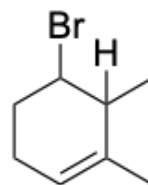
A.



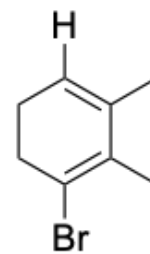
B.



C.



D.



A

A



B

B

C

C

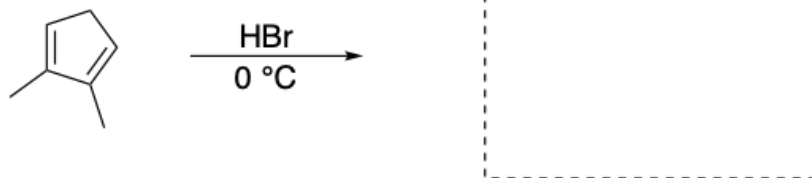
D

D

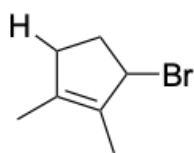
3.

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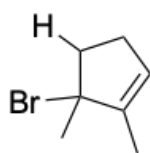
What is the major product of the reaction below?



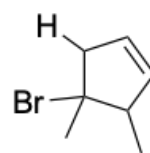
A.



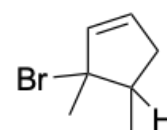
B.



C.



D.



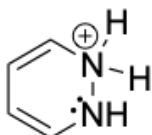
A	A
B	B ✓
C	C
D	D

4.

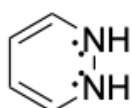
Hide Correct Answer Show Responses

Which of the following structures is aromatic?

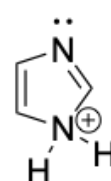
A.



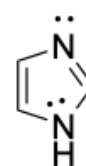
B.



C.



D.



A	A
---	---

B

B

C

C

D

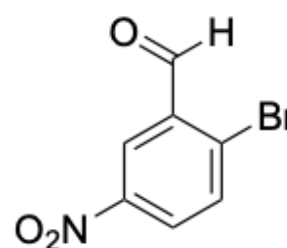
D



5.

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What is the name of the compound below?

**A**

2-bromo-5-nitrobenzaldehyde

**B**

5-nitro-2-bromobenzaldehyde

C

3-nitro-6-bromobenzaldehyde

D

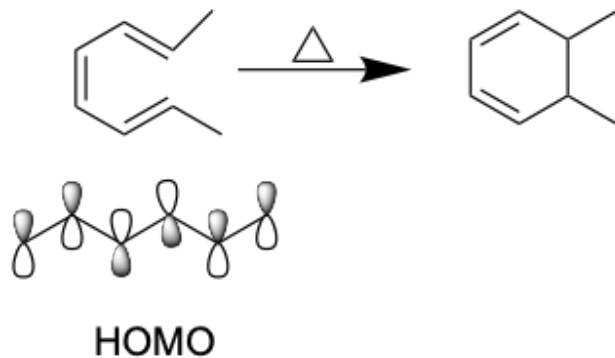
6-bromo-5-nitrobromobenzaldehyde



6

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From the electrocyclic reaction below and given the HOMO, what is the nature of rotation of the p-orbitals involved in the ring closure?

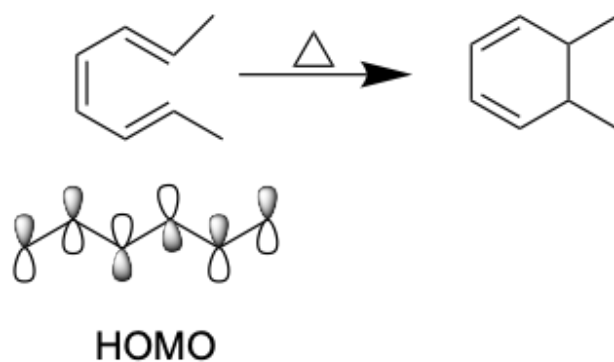


A	Conrotatory
B	Disrotatory ✓
C	no rotation
D	non of the above

7.

[Hide Correct Answer](#) [Show Responses](#)

What is the product of the reaction below?



- A.
- B.
- C.
- D.

A	A ✓
---	--

B B

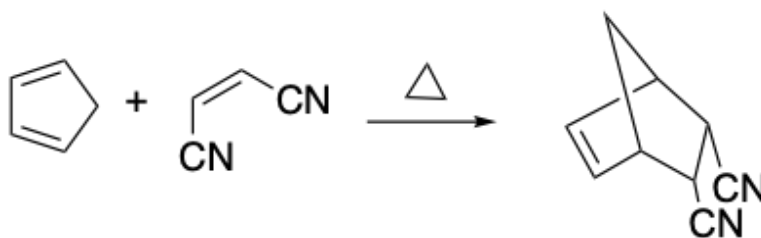
C C

D D

8.

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What is the name of the reaction below?



A cope reaction

B Claisen reaction

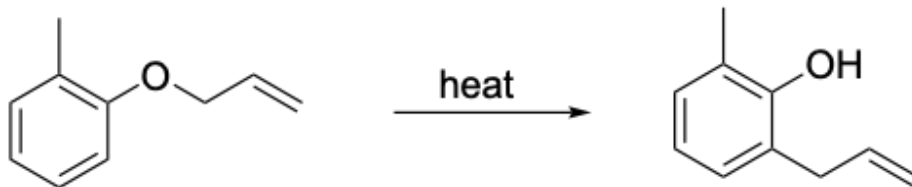
C Diels-Alder reaction

D Clemmensen reduction

9.

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What is the name of the reaction below?



A

Cope reaction

B

claisen reaction

**C**

Diels-Alder reaction

D

clemmensen reduction

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