1. Are the following molecule aromatic, anti-aromatic, or neither (4 points each)

 $\triangle$ 

N

2. Propose a mechanism for the following reaction (6 points).

$$\stackrel{\text{O}}{\longrightarrow} \stackrel{\text{Br}_2}{\longrightarrow} \stackrel{\text{O}}{\longrightarrow} \text{Br}$$

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F°

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