**01.06.2022 Chemistry 242**

**CHAPTER 21**

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| **1. What is the cyclic hemiacetal product formed from intramolecular cyclization of the following hydroxy aldehyde?** |
| A) I **B) II** C) III D) IV |
| **2. What is the missing reagent in the reaction below?**  |
|  **A) I** B) II C) III D) IV |

**3. What is the product of the following reaction?**

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A) I B) II **C) III** D) IV

**4. Which combination of an aldehyde and an alcohol most readily forms a hemiacetal with base catalysis?**A)  B) 
**C)** D) 

**Good Luck**