1. Show the mechanism. Why is B only produced?

2. Review Questions

A. Draw the cyclic structure for D-Gulose (shown below).

```
CHO
|   |
H  OH
H  OH
HO  H
H  OH
CH₂OH
```

B. Determine the absolute stereochemistry.

```
CHO
|   |
H  OH
C₄H₉OH  CHO
CH₂OH  OH
```

C. Classify the linkages.