

Name: Key

Quiz 6

Lactulose is a disaccharide formed by a linkage of  $\beta 1 \rightarrow 4$  of glucose to 4 of fructose (glucose  $\beta 1 \rightarrow 4$  fructose). Lactulose is used to treat constipation and hyperammonemia. It is marketed under the names like Kristalose, Constulose, Enulose, and Generlac.

- Draw** the Haworth projection of lactulose.
- Number** the carbons in each of glucose and fructose.
- Label** the anomeric carbons.

