

Organic Chemistry Exam

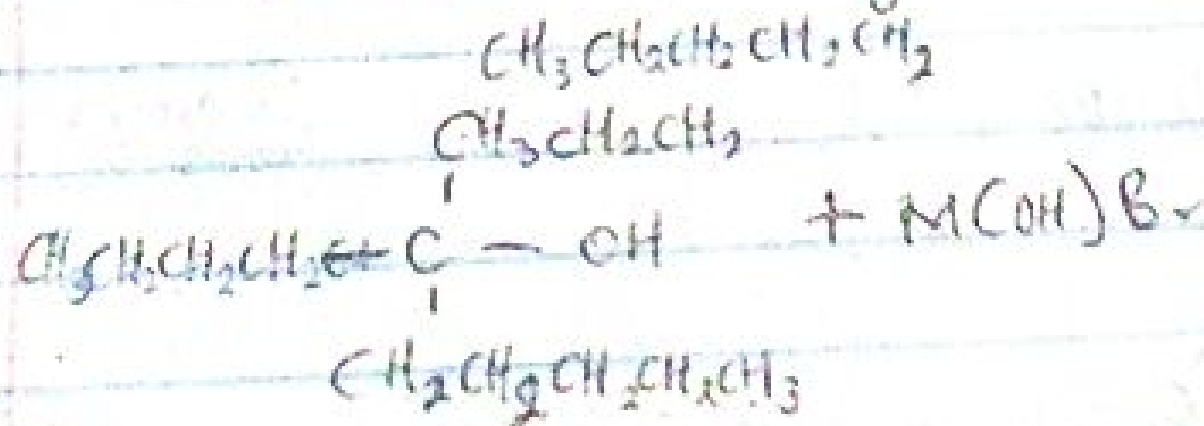
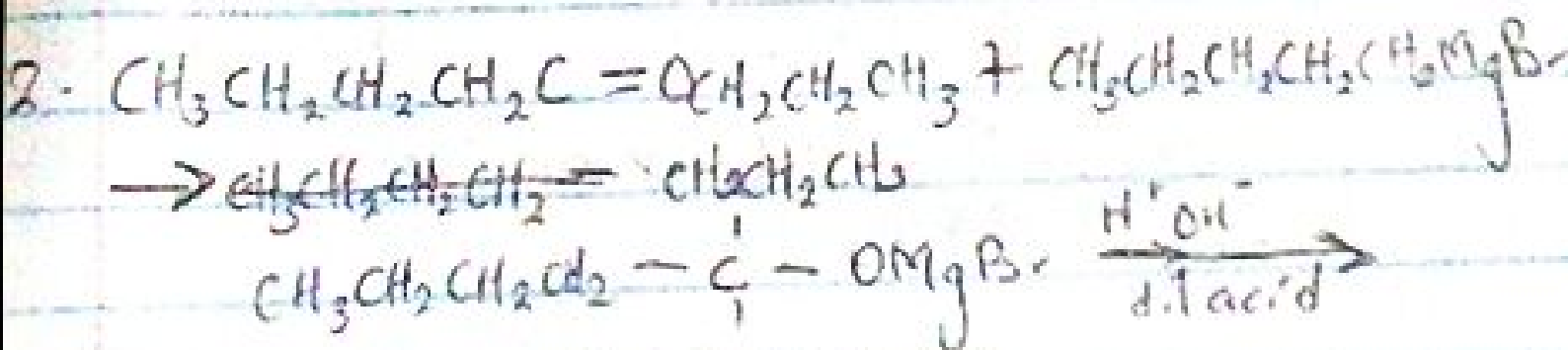
19th Nov 2022

MBA3/14/15

Chem 102 assignment  
Answer

i. Monohydric alcohol: alcohols with only one OH present e.g. methanol

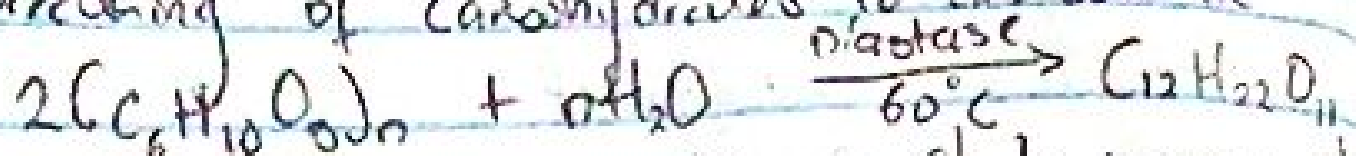
ii. Dihydric alcohol: alcohols with two OH's present e.g. 1,2-ethanediol



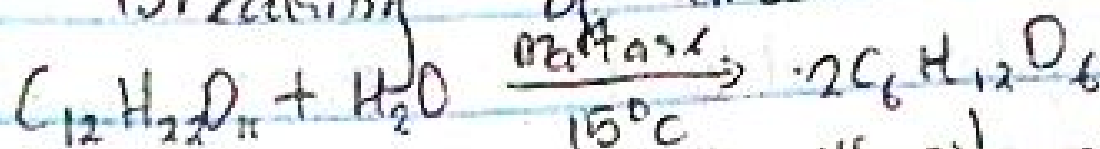
4 - Butyl non - 4 - ol

- Production of ethanol  $\rightarrow$  fermentation

Breaking of carbohydrates to disaccharide

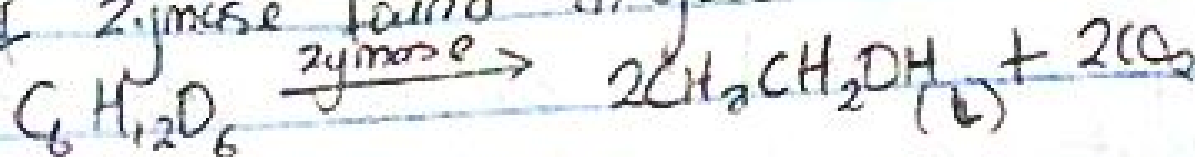


Breaking of disaccharide to monosaccharide

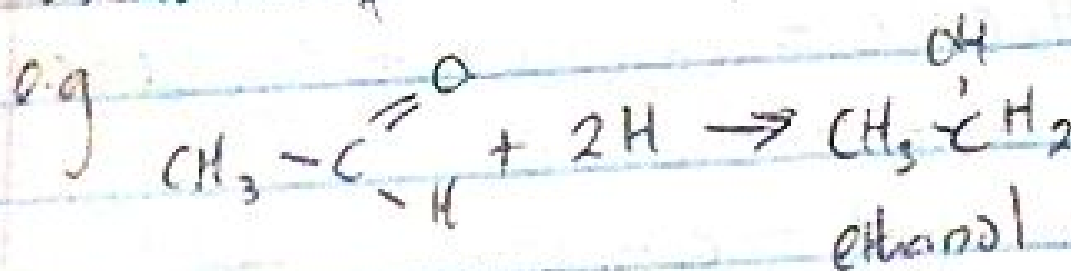


Conversion of glucose to ethanol with the aid

of zymase found in yeast



4 Reduction of Aldehydes produces a primary alcohol



while the reduction of Aldehydes ~~leads to~~ <sup>Produces</sup> secondary alcohols e.g.

