

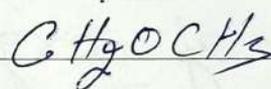
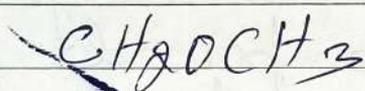
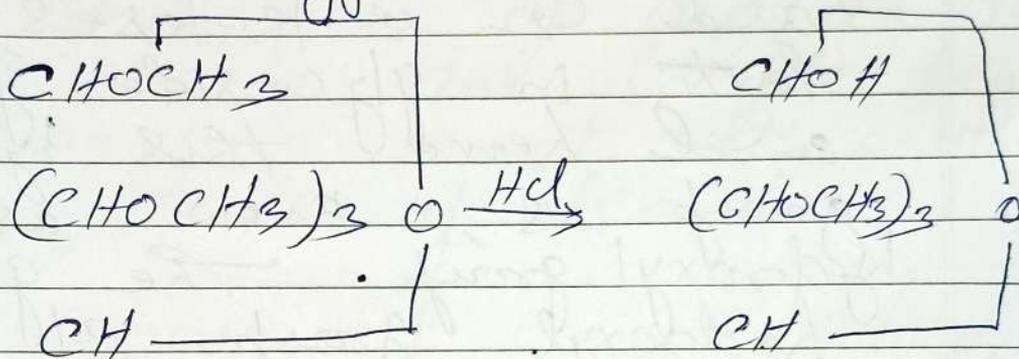
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continue \Rightarrow

methylated glycoside is hydrolysed by acid, only the glycosidic methoxy group is hydrolysed while the remaining methoxy groups (which are actually ether type) are not affected.

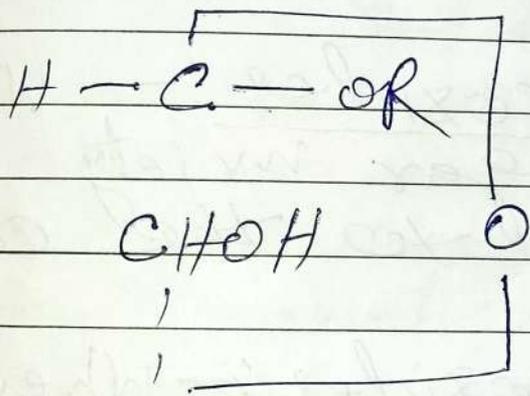


Thus the nature of the organic radical at the glycosidic hydroxyl group can be established by acidic hydrolysis, when the organic radical at the glycosidic hydroxyl group is another

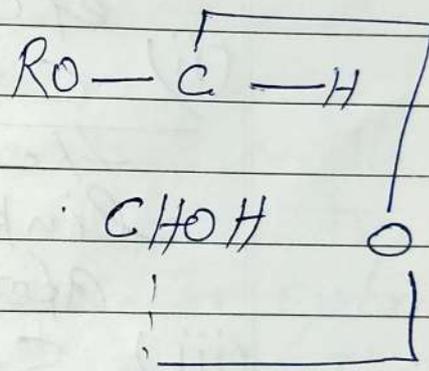
④

sugar radical, the compound (glycoside) is classed as disaccharide, but when it is a non-sugar, the latter (i.e. non-sugar) component is known as aglycone.

As the anomeric carbon atom has two different configurations, glycosides may exist in two anomeric forms called α and β .



α -glycoside



β -glycoside