

NOTES

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* Carbohydrates (Saccharides)

Produced by plants and form a very large group of naturally occurring organic compounds.

general formula $C_x(H_2O)_y$

* Classification of Carbohydrates

Monosaccharides

Cannot be hydrolysed further.
eg. glucose

Oligosaccharides

2-10 mono-saccharides on hydrolysis
eg. sucrose

Polysaccharides

large number of monosaccharides on hydrolysis
eg. cellulose, starch.

* Classification of Monosaccharides.

further classified on the basis of number of carbon atoms and functional group present in them.

if aldehyde group is present called as aldose.

if ketone group is present called as ketose.