

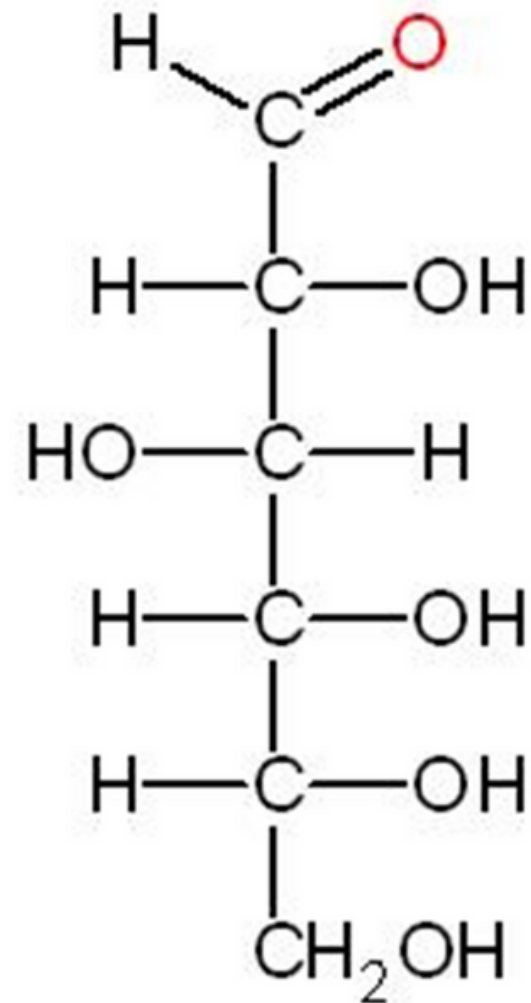


Karbohidrat Monosakarida

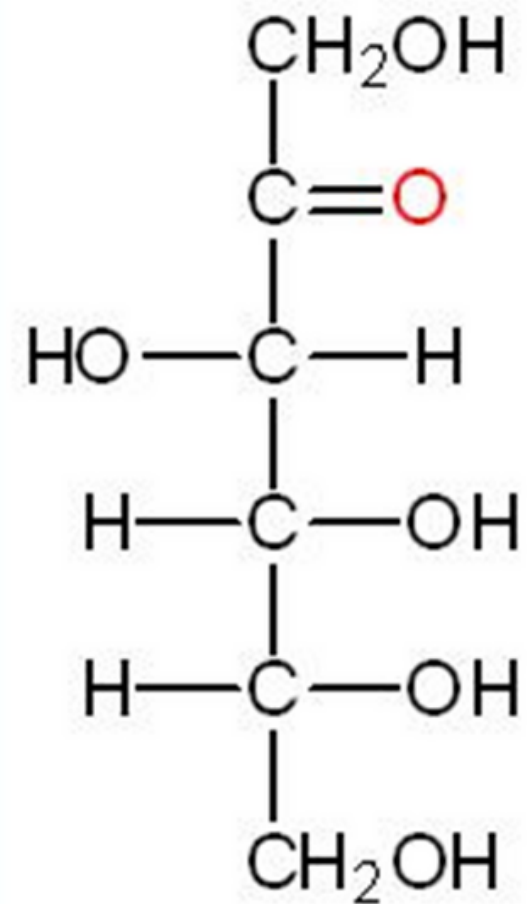
Riani Sakinah Salsabila

2114051009

MONOSAKARIDA



D-glucose

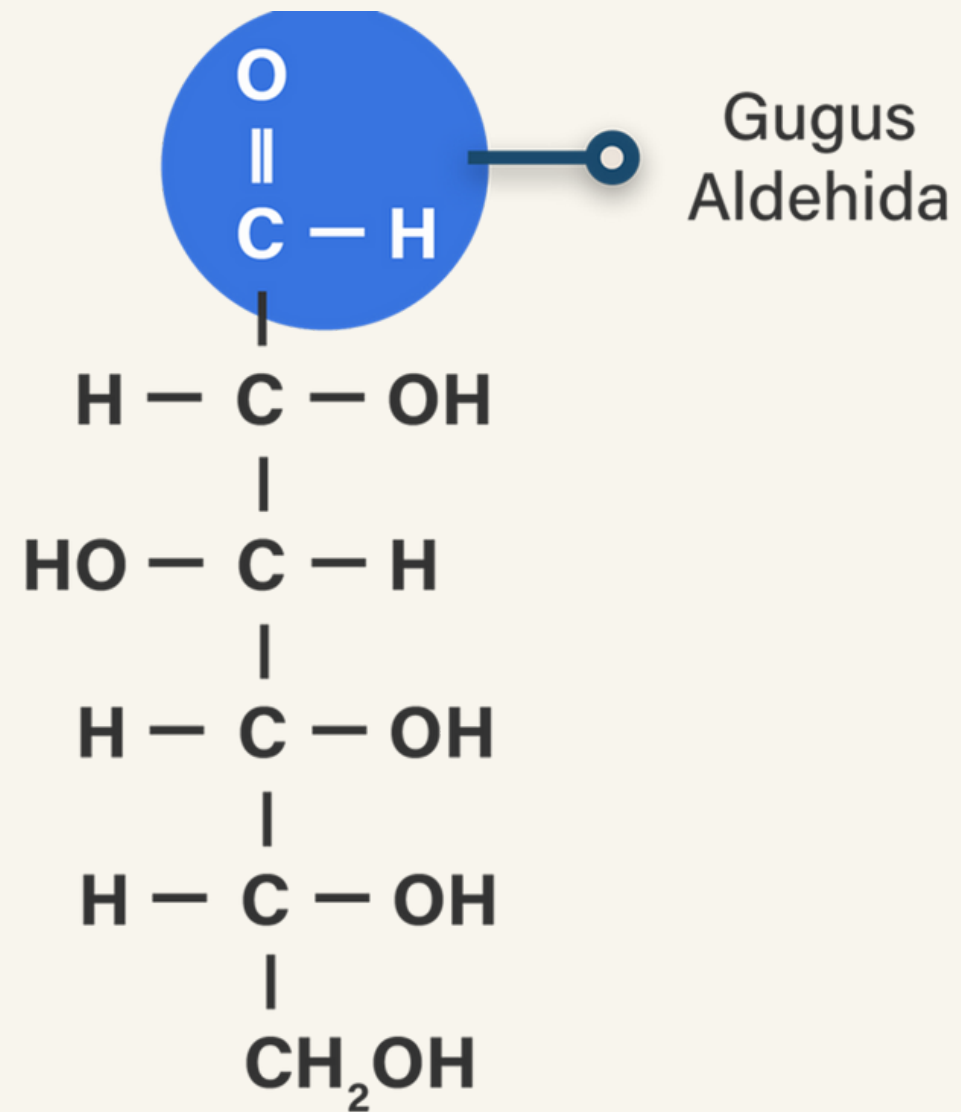


D-fructose

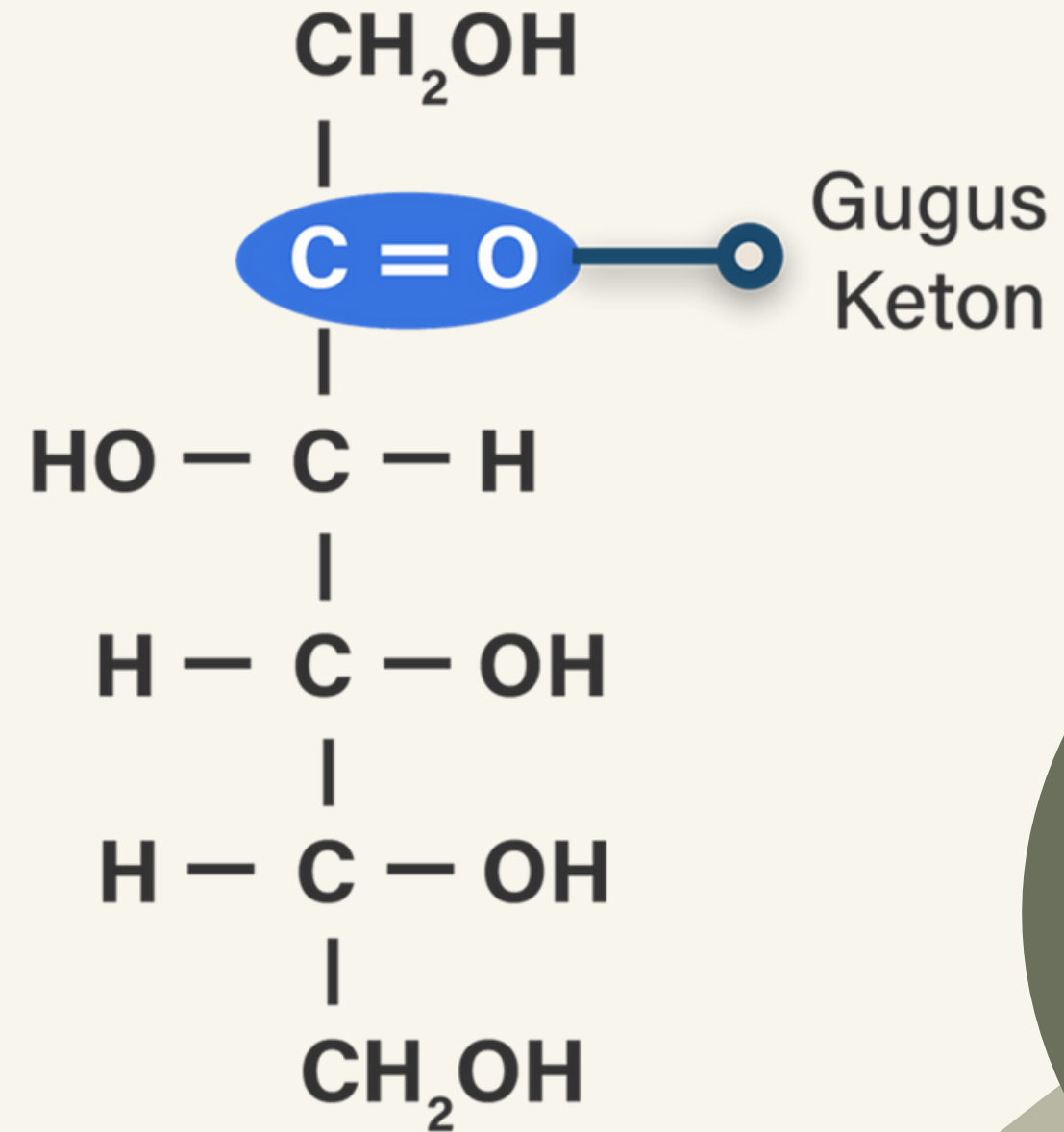
Monosakarida adalah senyawa karbohidrat dalam bentuk gula yang paling sederhana.

Gugus fungsi yang menyusun monosakarida adalah **satu unit aldehid atau keton**

TATA NAMA

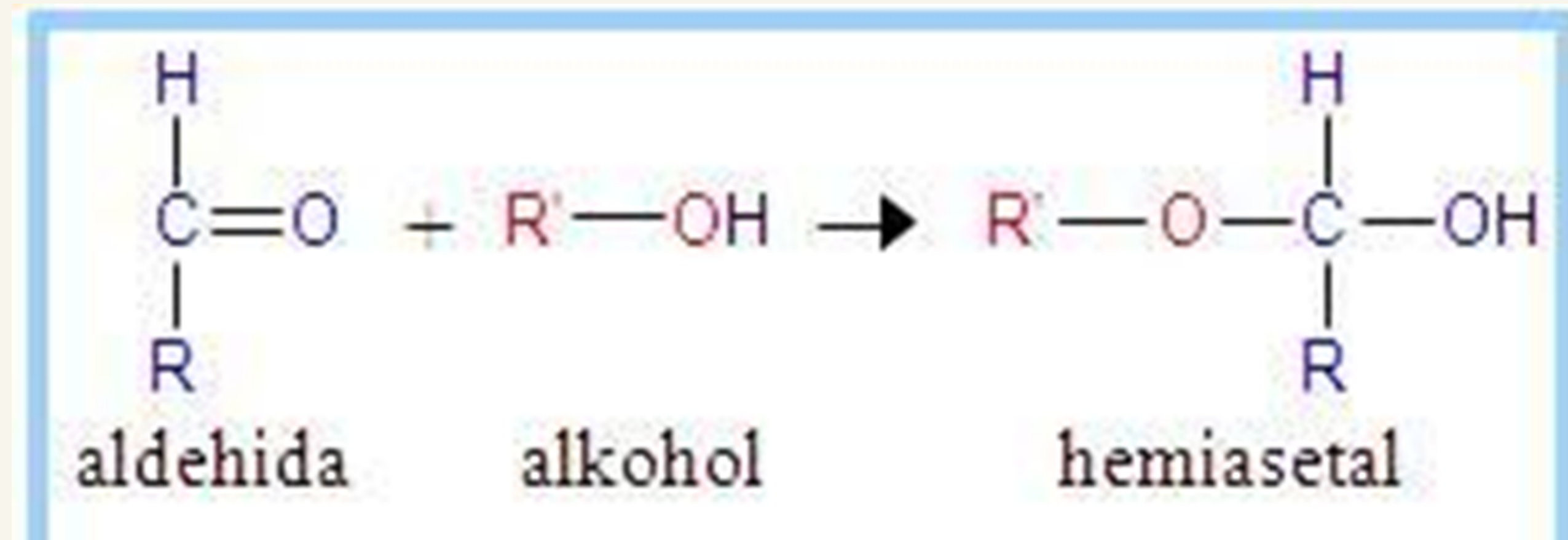


Aldoheksosa
(Glukosa)



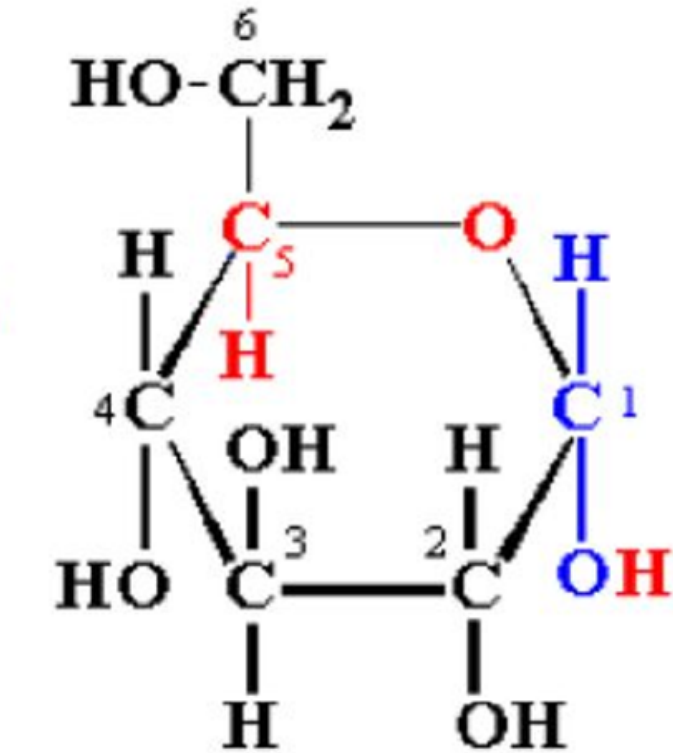
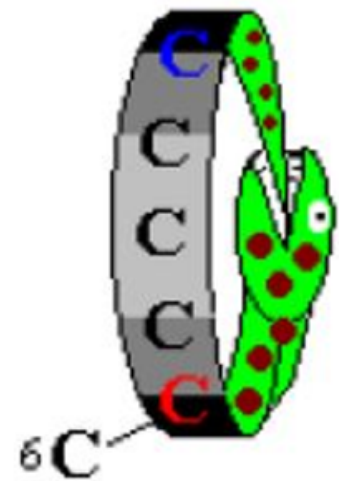
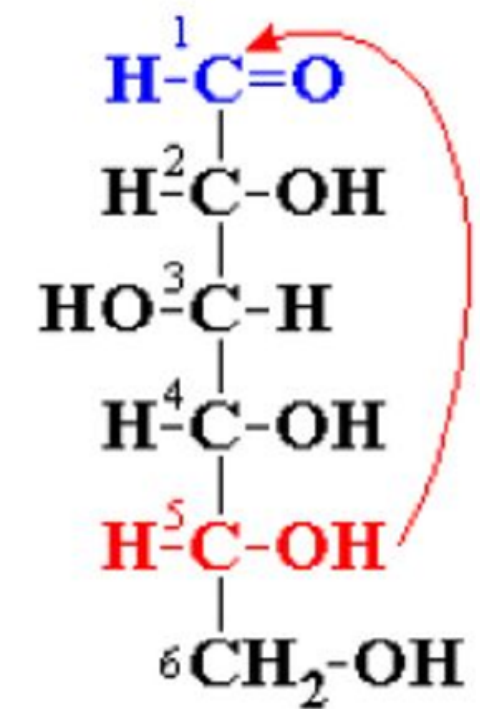
Ketoheksosa
(Fruktosa)

PRINSIP SIKLASI GLUKOSA

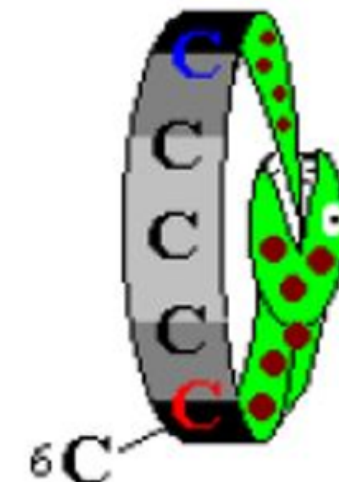
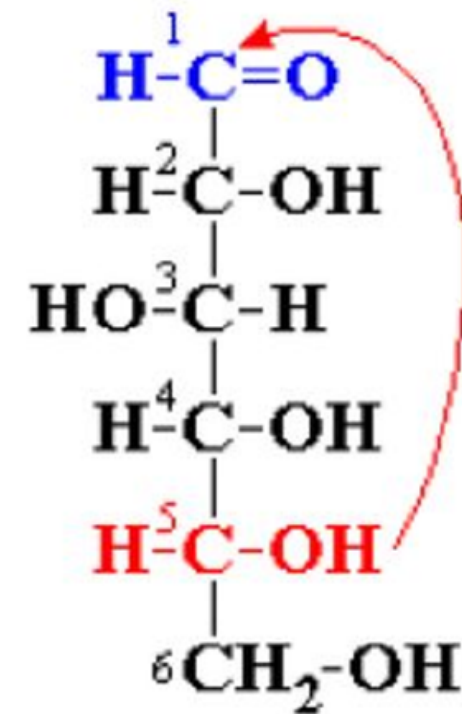


Aldehid dapat bereaksi dengan alkohol membentuk hemisetal

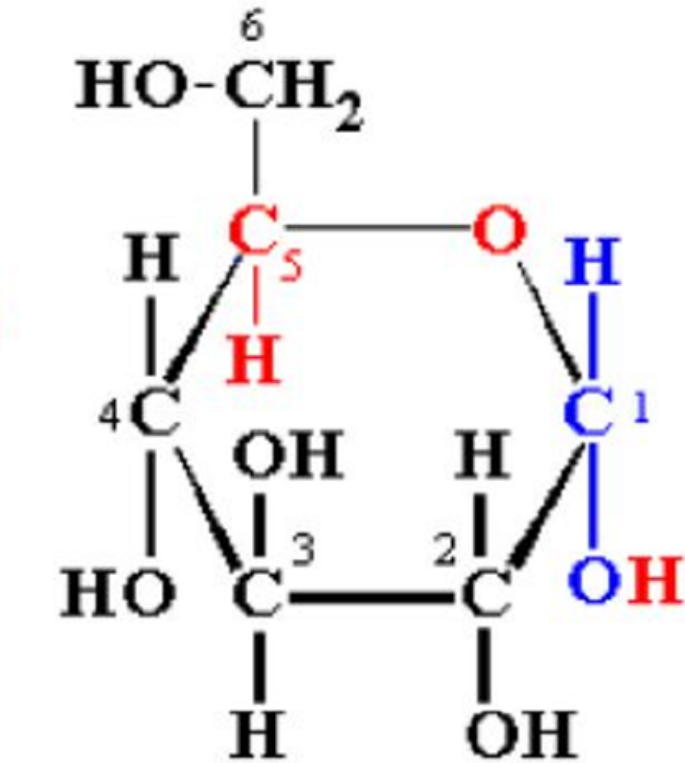
Cincin Piranosa Cincin Heksosa



α -D-glucopyranose
Haworth projection



D-glucose
Fischer projection



α -D-glucopyranose
Haworth projection