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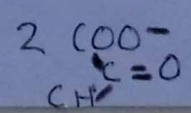
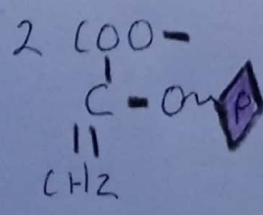
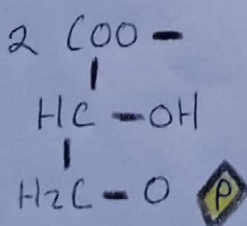
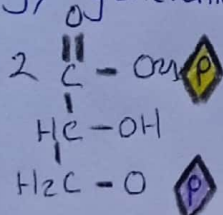
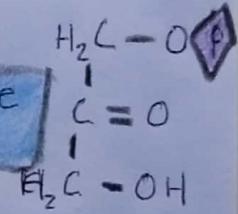
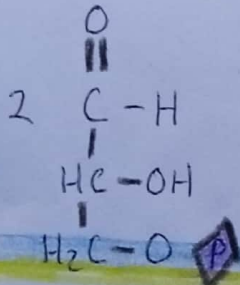
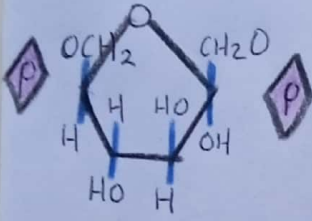
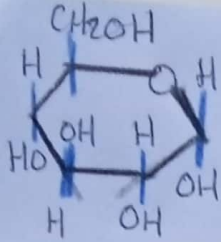
Nombre del trabajo: Glucolisis

Materia: Bioquímica

Grado: 1°

Grupo: Licenciatura en Medicina Veterinaria y Zootecnia

Ocosingo, Chiapas 02 de diciembre 2023



Glucose

Fructose 1,6-bisphosphate

Glyceraldehyde 3-phosphate

Dihydroxyacetone phosphate

1,3-Bisphosphoglycerate

3-Phosphoglycerate

Phosphoenolpyruvate

Pyruvate

Reactions ①-③
Activation by phosphorylation 2 ATPs invested

Reactions ④ and ⑤
Cleavage of six-carbon sugar phosphate to 2 three-carbon sugar phosphates.

Reaction ⑥
Generation of 2 NADH and a super-high-energy compound

Reaction ⑦
substrate-level phosphorylation 2 ATPs generated

Reactions ⑧ and ⑨
Generation of a super-high-energy compound (and water)

Reaction ⑩
substrate-level phosphorylation 2 ATPs generated

Energy generation Phase

