



# ORGOREVIEW

## Question Vault

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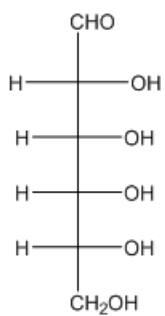
Give the names of three D-aldohexoses that have the following properties.

a) Treatment of A & B with  $\text{NaBH}_4$  gave the same optically active alditol whereas reduction of C gave a different alditol.

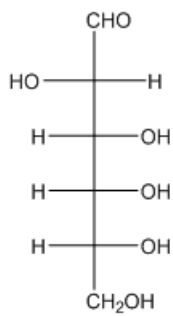


b) The Ruff degradation removes C2 on the carbohydrate. The Ruff degradation of A and B gave different D-pentoses.

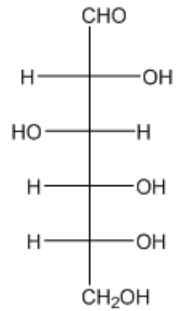
c) The Ruff degradation of B & C gave the same optically active D-pentoses.



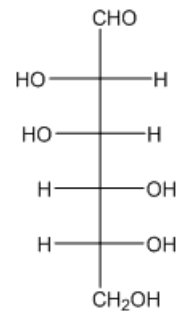
**D-Allose**



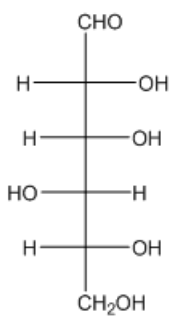
**D-Altrose**



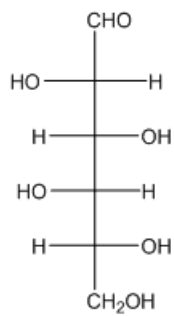
**D-Glucose**



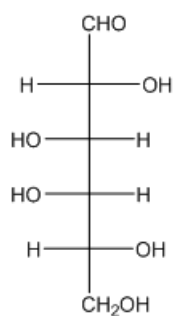
**D-Mannose**



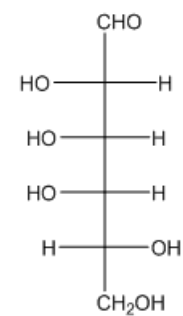
**D-Gulose**



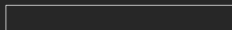
**D-Idose**



**D-Galactose**



**D-Talose**



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