



Fundamental Biology

Ch 1

Our Groups



قناة الاكاديمية



Telegram

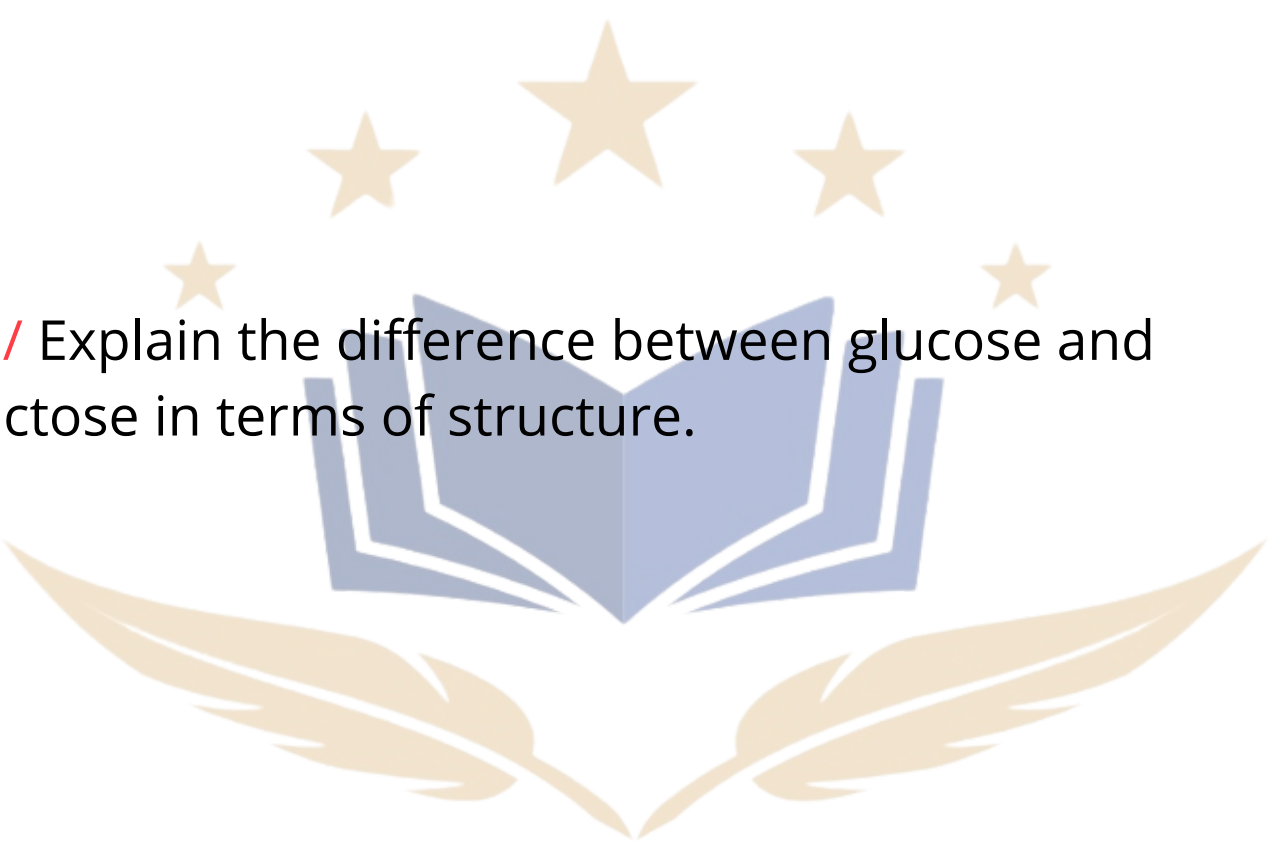
Q1/ What is lactose, What is the scientific reason why some people cannot tolerate it?

Q2/ Explain the difference between carbohydrates and proteins in structure and function.

Q3/ Define organic compounds, and why is carbon considered a key element in them?

Q4/ Compare monosaccharides and polysaccharides in terms of structure and function.

Q5/ What is the difference between saturated and unsaturated fats? Give an example of each.



Q6/ Explain the difference between glucose and fructose in terms of structure.

Q7/ Why are proteins essential for the human body? List three major functions.

Q8/ Why are lipids hydrophobic?

Q9/ Why is carbon such a versatile and important element for forming organic molecules?

Q10/ Describe the types of structures that carbon can form and how these structures can affect the function of molecules.

Q11/ What is the difference between monosaccharides, disaccharides, and polysaccharides? Give examples of each type.

Q12/ What is the role of sugars in both plants and animals?

Q13/ What is the importance of proteins for the human body? Give examples of types of proteins and their functions

Q14/ How can a simple change in the amino acid sequence affect the function of a protein?

Q15/ Explain the difference between DNA and RNA in terms of structure and function.

Q16/ What are the three parts that make up a nucleotide?





ARMS
ACADEMY

Fundamental Biology

Ch 1



استثمر في تعليمك اليوم ، لتحصد
ثمار ذلك غداً

Our Groups



قناة الاكاديمية



Telegram