1.	Which enzyme is primarily responsible for adding methyl groups to DNA? A. Helicase B. DNA polymerase C. DNA methyltransferase D. RNA polymerase
2.	In which of the following diseases is DNA hypomethylation a known contributing factor? A. Alzheimer's disease B. Cancer C. Rheumatoid arthritis D. All of the above
3.	During prolonged fasting, the liver produces from fatty acids to supply energy to the brain.
4.	True/False Cholesterol increases membrane permeability in all cases.
5.	In lipid metabolism, the cycle is essential for the complete oxidation of acetyl-CoA to produce energy.
	Which of the following is a characteristic of unsaturated fatty acids? They have only single bonds between carbon atoms.
B.	They are usually solid at room temperature.
	They contain one or more double bonds in their hydrocarbon chains. They are more commonly found in animal fats.
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