

## THOUGHT QUESTIONS PROTEINS

1. What is the basic unit of a protein?
2. What makes one protein different structurally from another?
3. How can you tell the difference between one amino acid and another?
4. What actually is an 'organic group'?
5. Describe how it is possible for the human body to synthesize an unlimited number of proteins from only 21 different amino acids?
6. Why would it even be necessary to have an infinite number of proteins among the human population?
7. What would happen if just one essential amino acid was not present in a daily diet?
8. What happens if a person who weighed 150 pounds ate 100 grams of protein?
9. Why doesn't a person's blood pH become too acidic if he drinks a can of pop which is acidic from the carbonic acid?
10. Why do little kids who are malnourished develop swollen bellies?

11. How does the presence of plasma protein cause water movement out of cell tissue?