

Name: \_\_\_\_\_

Date: \_\_\_\_\_

[3 pt] 1. Why is the "biological chemistry" of Amino Acids so complicated?

[6 pt] 2. Define "Nitrogen Fixation" and list and briefly describe the 3 processes for "fixing" nitrogen.

[3 pt] 3. What are the 3 main uses for amino acids in the body?

[3 pt] 4. Sketch a picture illustrating your answer to the previous question.

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[4 pt] 5. Define "transamination" and show an example reaction illustrating your definition.

[3 pt] 6. What is the difference between Glucogenic amino acids and Ketogenic amino acids?

[3 pt] 7. What 3 reasons make Acetyl-CoA such an important molecule?