

Name: _____

Quiz 38

1. Of the 26 letters of the English alphabet, circle the ones that symbolize naturally occurring amino acids regularly incorporated into proteins:

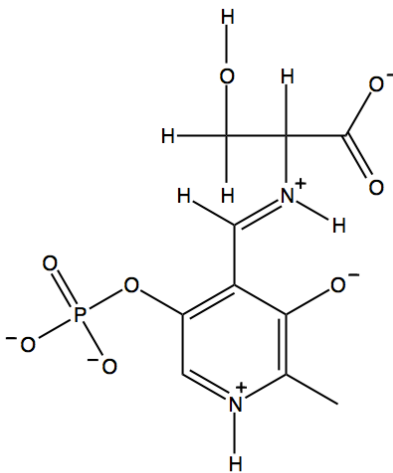
A B C D E F G H I J K L
M N O P Q R S T U V W X
Y Z

2. Circle the letters that represent amino acids with nonpolar sidechains:

A B C D E F G H I J K L
M N O P Q R S T U V W X
Y Z

3. Circle the letters that represent amino acids which when converted to their corresponding keto acid by a transaminase are an intermediate of glycolysis or the TCA cycle:

A B C D E F G H I J K L
M N O P Q R S T U V W X
Y Z



4. For the above chemical structure:
a. Circle the portion of the structure that composes the amino acid.
b. Name the amino acid.