Week 8 Assignment 8

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

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1) How many copper centres and histidine units are present in Hemocyanin?
   - 2 copper centres with 4 histidine on each of them.
   - 2 copper centres with 3 histidine on each of them.
   - 3 copper centres with 5 histidine on each of them.
   - 1 copper centre with 2 histidine on each of them.
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - 2 copper centres with 3 histidine on each of them.

2) Name the enzyme in following conversion?
   ![Chemical Reaction Diagram]
   - Cytochrome P450
   - Hemocyanin
   - Peptidylglycine alpha-Hydroxylating Monooxygenase (PHM)
   - Dopamine beta-Monomoyxgenase
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Peptidylglycine alpha-Hydroxylating Monooxygenase (PHM)

3) How many histidine units are present in deoxyhemerythrine?
   - 4
   - 5
   - 3
   - 6
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - 5

4) Cytochrome C Oxidase is a non-heme copper oxidase enzyme used to convert methane to methanol. True or False.
   - True
   - False
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - False

5) What would be the reactivity preference in an aliphatic substrate containing primary, secondary and tertiary C-H bonds?
   - 1° > 2° > 3°
   - 2° > 1° > 3°
   - 3° > 1° > 2°
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - 1° > 2° > 3°