Unit 9 - Week 8

Week 8 Assignment 8

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

Due on 2019-09-25, 23:59 IST.

Week 8 Assignment 8

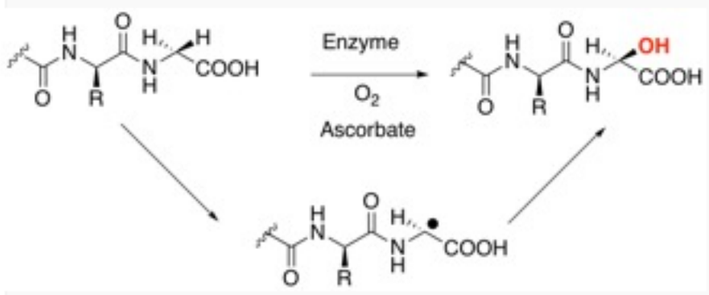
1) How many copper centres and histidine units are present in Hemocyanin? ***1 point***

- 2 copper centres with 4 histidine on each of them.
- 2 copper centres with 3 histidine on each of them.
- 3 copper centres with 3 histidine on each of them.
- 1 copper centres 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? ***1 point***



- Cytochrome P450
- Hemocyanin
- Peptidylglycine alpha-Hydroxylating Monooxygenase (PHM)
- Dopamine beta-Monooxygenase

No, the answer is incorrect.
Score: 0

Accepted Answers:
Peptidylglycine alpha-Hydroxylating Monooxygenase (PHM)

3) How many histidine units are presents in deoxyhemerythrine? ***1 point***

- 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.** ***1 point***

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
False

5) What would be the reactivity preference in sp^3 aliphatic substrate containing primary, secondary and tertiary C-H bonds? ***1 point***

- $1° > 2° > 3°$
- $3° > 2° > 1°$
- $2° > 1° > 3°$
- $3° > 1° > 2°$

No, the answer is incorrect.
Score: 0

Accepted Answers:
$3° > 2° > 1°$