Assignment 3

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

1. In O2 transport, important elements are
   a. Na and Cu
   b. Fe and Cu
   c. Fe and Mg
   d. P and Mg
   No, the answer is incorrect.
   Question: 1
   Accepted Answer:
   Fe and Cu

2. In the elimination of the sugar, the number of electrons released by cytochrome c is enough to reduce the oxygen into water is
   a. one
   b. two
   c. three
   d. four
   No, the answer is incorrect.
   Question: 2
   Accepted Answer:
   two

3. Oxygenates contain
   a. Zn
   b. Mg
   c. Fe
   d. P
   No, the answer is incorrect.
   Question: 3
   Accepted Answer:
   Fe

4. Name of the enzyme that produces CO2 in our body
   a. Hemoglobin
   b. Myoglobin
   c. Hemoglobin
   d. Carbonic anhydrase
   No, the answer is incorrect.
   Question: 4
   Accepted Answer:
   Hemoglobin

5. Hemoglobin binds oxygen as
   a. O2
   b. O2
   c. O2
   d. O2
   No, the answer is incorrect.
   Question: 5
   Accepted Answer:
   O2

6. Ping Pong mechanism is shown by
   a. Glycerol dehydrogenase
   b. Peroxidase
   c. Hemoglobin
   d. Superoxide dismutase
   No, the answer is incorrect.
   Question: 6
   Accepted Answer:
   Superoxide dismutase

7. Which one of the following is more reactive?
   a. triplet oxygen
   b. singlet oxygen
   c. both
   d. none of these
   No, the answer is incorrect.
   Question: 7
   Accepted Answer:
   Singlet oxygen

8. In contrast, the 3D position of the active site is occupied by
   a. Cysteine sulfur
   b. Tyrosine residue
   c. Histidine residue
   d. Asparagine residue
   No, the answer is incorrect.
   Question: 8
   Accepted Answer:
   Cysteine residue

9. The enzyme which fights against aging problem is
   a. Superoxide dismutase
   b. Lyase
   c. Catalase
   d. Cytochrome c
   No, the answer is incorrect.
   Question: 9
   Accepted Answer:
   Superoxide dismutase

10. Glutathione peroxidase
    a. Catalase and lipoxygenase
    b. Blue and lipoxygenase
    c. Catalase and peroxidase
    d. Blue and peroxidase
    No, the answer is incorrect.
    Question: 10
    Accepted Answer:
    Catalase and lipoxygenase