Assignment 1

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

Due on 2019-08-11, 23:59 IST.

1) In chapter 8, the topic discussed is...
   (a) Fermentation
   (b) Carboxylic Acids
   (c) Chromosome replication
   (d) Phototropism

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (b) Carboxylic Acids

2) Vitamin B3 catalyzes the reaction...
   (a) Hydrolysis of CO
   (b) Hydrolysis of peptide bond
   (c) Isomerization
   (d) Oxidation

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (c) Isomerization

3) Why are major ions, other than 4d metals, are used in the catalytic centers of metalloenzymes?
   (a) 4d elements are more reactive than the others.
   (b) 4d elements are more abundant than the others.
   (c) 4d elements are more abundant than 4f elements.
   (d) None of these

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (d) None of these

4) Ammonia is caused due to deficiency of...
   (a) Fe
   (b) Mg
   (c) Ca
   (d) No

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (a) Fe

5) In biology, the metal ion involved in the dioxygen transport besides Fe is...
   (a) Cu
   (b) Mg
   (c) Zn
   (d) Cu

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (d) Cu

6) Wilson’s disease is caused due to excess of...
   (a) Cu
   (b) Mg
   (c) Fe
   (d) Zn

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (a) Cu

7) The metal ion present in carbonic anhydrase is...
   (a) Fe
   (b) Zn
   (c) Co
   (d) Fe

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (c) Co

8) Among the following pair of metal ions present in Nature, the first one functions as an electron transfer agent and the second one catalyzes the hydroxylation reactions. The correct pair is...
   (a) Fe and Zn
   (b) Mg and Ca
   (c) Fe and Mn
   (d) Cu and Fe

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (a) Fe and Zn

9) The enzyme responsible for turning apples brown is...
   (a) Tyrosinase
   (b) Superoxide dismutase
   (c) Lipase
   (d) Catalase

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   (a) Tyrosinase

10) The correct option for the metal ion present in the active site of myoglobin and vitamin B12, respectively is...
    (a) Fe and Cu
    (b) Mg and Mn
    (c) Fe and Zn
    (d) Fe and Cu

    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    (d) Fe and Cu