Assignment 4

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

1) In C3 plants, mesophyll cells are
   - not present
   - loosely packed
   - densely packed
   - replaced by stomata
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: loosely packed

2) In C3 plants, mesophyll cells are
   - not present
   - loosely packed
   - densely packed
   - replaced by stomata
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: loosely packed

3) In C3 plants, mesophyll cells are
   - not present
   - loosely packed
   - densely packed
   - replaced by stomata
   No, the answer is incorrect. Score: 0.1 point

4) Which of the following compounds form sugars?
   - glucose, glutamic acid, fructose, glycine, sucrose
   - fructose, glycine, sucrose
   - glycine, sucrose
   - glutamic acid, fructose, sucrose
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: glycine, sucrose

5) ____ is a chemical reaction between molecular hydrogen and another compound or element, usually in the presence of a catalyst such as Ni, Pt, or Rh.
   - Carbonation
   - Dehydration
   - Oxidation
   - Hydrogenation
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: Hydrogenation

6) Which one of the following processes is under thermochromic control of biomass to energy conversion?
   - Glictech
   - Pyrolysis
   - Catalytic decomposition
   - Chipping
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: Pyrolysis

7) Balance the reaction: SO₂ + H₂O + H₂ + CO₂ → H₂SO₄ + CO₂ + H₂O
   - x = 1; y = 2; z = 10
   - x = 1; y = 1; z = 12
   - x = 12; y = 1; z = 10
   - x = 12; y = 2; z = 10
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: x = 12; y = 2; z = 10

8) The reaction in Question 7 sum up which reaction?
   - Chloroacycle
   - Calvan cycle
   - C optimistic
   - Oxidative phosphorylation
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: Oxidative phosphorylation

9) If temperature increases, affinity of rubisco for oxygen _______ and corresponding, photosynthesis _______.
   - increases, increases
   - increases, decreases
   - decreases, increases
   - decreases, decreases
   No, the answer is incorrect. Score: 0.1 point
   Accepted Answers: increases, decreases

10) In wood, the moisture is _______ and fixed carbon is _______.
    - 20%, 17%
    - 15%, 21%
    - 120%, 35%
    - 20%, 1%
    No, the answer is incorrect. Score: 0.1 point
    Accepted Answers: 20%, 17%