Assignment 03

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1. Who defined the bioenergy as "the sustainable processing of biomass into a spectrum of marketable bio-based products (food, feed, chemicals, materials) and bioenergy (biomass, power and/or heat)"?  
   - NREL, US DOE  
   - IEA Bioenergy Task 42  
   - Kannan et al., 2008  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - NREL  
   - IEA Bioenergy Task 42

2. Which bioenergy use wet type of biomass and extract juice from the biomass?  
   - Green Bioenergy  
   - Conventional Bioenergy  
   - Thermochemical Bioenergy  
   - Marine Bioenergy  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Green Bioenergy

3. Which biomass is not considered for maize bioenergy?  
   - Microalgal  
   - Seaweed  
   - Macrocystis  
   - Lignocellulosic biomass  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Lignocellulosic biomass

4. According to IEA T39, following is not considered in four features based new bioenergy classification approach?  
   - Platform  
   - Quality  
   - Products  
   - Process  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Quality

5. CS and Oil sugars platform bioenergy for bioethanol from lignocellulosic residues considered as……  
   - One Platform Bioenergy  
   - Two Platforms Bioenergy  
   - Three Platform Bioenergy  
   - Multi-Platform Bioenergy  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Two Platform Bioenergy

6. Sugars considered as…… building blocks.  
   - C1  
   - C2  
   - C3  
   - C4  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - C1

7. Which content is most abundant in plant biomass?  
   - Hydrogen  
   - Carbon  
   - Nitrogen  
   - Oxygen  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Carbon

8. Which is not considered as means nutrients for plant?  
   - Potassium  
   - Nitrogen  
   - Barion  
   - Phosphorus  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Barion

9. Sucrose sugar considered as……  
   - Mono-saccharide  
   - Di-saccharide  
   - Tri-saccharide  
   - Poly-saccharide  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Di-saccharide

10. Which requires strong acid or base or other harsh hydrothermal treatments to be hydrolyzed?  
   - Protein  
   - Lipid  
   - Cellulose  
   - Lignin  
   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   - Lignin