Assignment 12

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1) Dhaani is produced as a main product from which of the following bioethanols?
   - Sugarcane bioethanol
   - Grapes bioethanol
   - Sugar Platform bioethanol
   - Plant Nutrition Platform bioethanol
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Sugar Platform bioethanol

2) In CBP technology, which part of the crop was utilized for production of ethanol?
   - Only Leaves
   - Only Stems
   - Whole Crop
   - Only stalks and cobs
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Whole Crop

3) The basal footprint energy of the corn stover is _____ compared to that of corn grain
   - Higher
   - Lower
   - None of the above
   - All of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Lower

4) What percentage of increase was observed in 2018 in the global production of Sorghum?
   - 11%
   - 6%
   - 15%
   - 21%
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   11%

5) What are the steps that are involved in the refining process in an integrated soybean bioethanol?
   - De-oiling
   - Decortication
   - Clarification
   - All of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   All of the above

6) Anaerobic fermentation of organic matter present in the Vinters mainly produces?
   - methane biogas and carbon dioxide
   - Propionate and hydrogen
   - Methane and hydrogen
   - Propionate and carbon dioxide
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Methane biogas and carbon dioxide

7) What is the typical composition of bioethanol?
   - 10-15% H2, 60-70% CH4, and 30-40% CO2
   - 15-20% H2, 50-60% CH4, and 25-35% CO2
   - 5-10% H2, 35-45% CH4, and 35-40% CO2
   - 10-15% H2, 40-45% CH4, and 35-55% CO2
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   15-20% H2, 50-60% CH4, and 25-35% CO2

8) The main components responsible for the production of hydrogen from food waste is/are?
   - Homopolysaccharide and starch
   - Cellulose and starch
   - Lignin and starch
   - Starch
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Cellulose and starch

9) The internal rate of return is defined as?
   - discount rate at which the NPV equals zero
   - discount rate at which the NPV is greater than zero
   - discount rate at which the NPV is less than one but greater than zero.
   - discount rate is independent of NPV
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Discount rate at which the NPV equals zero

10) What is the first step in performing the financial and economic cost analysis model?
    - Identification of the investment's outcomes
    - Determination of the project's incremental net flows
    - Identification and description of both the benchmark scenario and the investment scenario
    - None of the above
    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    Identification and description of both the benchmark scenario and the investment scenario