Unit 4 - Week 2

Assignment 2

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

Due on 2018-08-23, 23:59 IST.

1. What are the phases of landfill stabilization? 1 point
   - a. Preliminary sanitary landfill formation-Add forming/First sanitary
   - b. Preliminary sanitary-Refuse forming-First sanitary-Add forming
   - c. Preliminary sanitary-Refuse forming-First sanitary-Behavior forming
   - d. Preliminary sanitary-Forming behavior forming/First sanitary-Add forming
   - e. Preliminary sanitary-Forming behavior forming/First sanitary-Behavior forming
   No, the answer is incorrect.
   - a. Preliminary sanitary
   - b. First sanitary
   - c. Add forming
   - d. Behavior forming
   - e. Forming behavior forming

2. In which phase of landfill stabilization is the lowest pH achieved? 1 point
   - a. Preliminary sanitary
   - b. First sanitary
   - c. Add forming
   - d. Behavior forming
   - e. Forming behavior forming
   No, the answer is incorrect.
   - a. Preliminary sanitary
   - b. First sanitary
   - c. Add forming
   - d. Behavior forming
   - e. Forming behavior forming

3. What is the following cell not found in landfill gas? 1 point
   - a. Methane
   - b. Carbon Dioxide
   - c. Water Vapor
   - d. Nitrogen
   No, the answer is incorrect.
   - a. Methane
   - b. Carbon Dioxide
   - c. Water Vapor
   - d. Nitrogen

4. Why are we bothered with Landfill Gas? 1 point
   - a. A "waste"
   - b. Toxins
   - c. Chloroform Gas
   - d. All of the above
   No, the answer is incorrect.
   - a. A "waste"
   - b. Toxins
   - c. Chloroform Gas
   - d. All of the above

5. Which arrangement is generally used for gas collection at a landfill? 1 point
   - a. Vertical well and side well
   - b. Lasagna well
   - c. Subterranean
   - d. None
   No, the answer is incorrect.
   - a. Vertical well and side well
   - b. Lasagna well
   - c. Subterranean
   - d. None

6. What are the characteristics of hazardous wastes? 1 point
   - a. Ignitability and Corrosivity
   - b. Reactivity
   - c. Toxicity
   - d. All of the above
   No, the answer is incorrect.
   - a. Ignitability and Corrosivity
   - b. Reactivity
   - c. Toxicity
   - d. All of the above

7. Which procedure/step is generally used to determine the toxicity characteristics of hazardous wastes? 2 points
   - a. Toxicity Characteristic Procedure
   - b. Leaching Procedure
   - c. Toxicity Characteristic-Leaching Procedure
   - d. Toxicity Procedure
   No, the answer is incorrect.
   - a. Toxicity Characteristic Procedure
   - b. Leaching Procedure
   - c. Toxicity Characteristic-Leaching Procedure
   - d. Toxicity Procedure

8. What is the sample particle size, time sequence of residues for conducting TCLP test? 2 points
   - a. + 0.0018 mm, 18 hr
   - b. + 0.001 mm, 30 min
   - c. + 0.001 mm, 18 hr, 10 min
   - d. + 0.001 mm, 30 min
   No, the answer is incorrect.
   - a. + 0.0018 mm, 18 hr
   - b. + 0.001 mm, 30 min
   - c. + 0.001 mm, 18 hr, 10 min
   - d. + 0.001 mm, 30 min

9. Which parameter does TCLP measure? 2 points
   - a. pH
   - b. Representative of leachate conditions
   - c. Chloride
   - d. Leachate
   No, the answer is incorrect.
   - a. pH
   - b. Representative of leachate conditions
   - c. Chloride
   - d. Leachate

10. How does ROA affect: 2 points
    - a. Resource conservation and Recycling Act
    - b. Recovery conservation and Resources Act
    - c. Resource conservation and Remediation Act
    - d. Resources conservation and Pollution Act
    No, the answer is incorrect.
    - a. Resource conservation and Recycling Act
    - b. Recovery conservation and Resources Act
    - c. Resource conservation and Remediation Act
    - d. Resources conservation and Pollution Act