Assignment 9

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

1) Landfill method used when terrain is unsuitable when the groundwater table is high
   - Trench method
   - Area method
   - Canyon method
   - None of these
   - The answer is incorrect
   Score: 0
   Accepted Answers
   Area method

2) ................. consists of a layer of composted clay and/or geosynthetic material designed to prevent migration of leachate and landfill gas
   - Daily cover
   - Final cover layer
   - Leachate layer
   - All of these
   - The answer is incorrect
   Score: 0
   Accepted Answers
   All of these

3) Types of municipal solid wastes (MSW) to be accepted at landfill
   - Non-biodegradable and inert wastes
   - Commingled wastes (mixed wastes)
   - Industrial wastes
   - Recyclables
   - The answer is incorrect
   Score: 0
   Accepted Answers
   Non-biodegradable and inert wastes

4) Watch the following criteria for identifying suitable land for sanitary landfill sites. 1. Slope: 1.5. Railway or railroad line, water supply wells 3. Rivers 4. Pond. 1 point
   lakes, water bodies A. 200 m B. 600 m from center line C. 20 km D. 100 meters (m) away from the flood plain
   - 1. A 2. B 3. D 4. A
   - The answer is incorrect
   Score: 0
   Accepted Answers

5) The sequence of phases of landfill stabilization are:
   - Preliminary aerobic-Methane forming-Acid forming-Final aerobic
   - Preliminary aerobic-Acid forming-Methane forming-Final anaerobic
   - Preliminary anaerobic-Acid forming-Methane forming-Final aerobic
   - Preliminary anaerobic-Methane forming-Acid forming-Final aerobic
   - The answer is incorrect
   Score: 0
   Accepted Answers
   Preliminary aerobic-Methane forming-Acid forming-Final aerobic

6) As per Indian Solid Waste Management Manual 2016, required site area is based for sanitary landfill for waste quantity of < 1 and > 3 million tonnes per design life of landfill
   - 10 and >10
   - 10 and <10
   - 20 and >20
   - 20 and <20
   - The answer is incorrect
   Score: 0
   Accepted Answers
   20 and >20

7) Anaerobic biological treatment for landfill leachates
   - Activated sludge system
   - UASB
   - MBR
   - None of these
   - The answer is incorrect
   Score: 0
   Accepted Answers
   UASB

8) The minimum depth and permeability for drainage base in landfill design
   - 10 cm and 10-1 cm
   - 10 cm and 10-4 cm
   - 30 cm and 10-3 cm
   - 20 cm and 10-2 cm
   - The answer is incorrect
   Score: 0
   Accepted Answers
   30 cm and 10-3 cm

9) Geosynthetic is a
   - synthetic material used for drainage of liquids
   - synthetic material used to minimize the intermingling of the soil and sand
   - Ceramic material used for drainage of liquids
   - Fibrous material used for drainage of liquids
   - The answer is incorrect
   Score: 0
   Accepted Answers
   Synthetic material used to minimize the intermingling of the soil and sand

10) Optimal moisture content should be maintained in bioreactor landfill
    - 55-60%
    - 60-65%
    - 65-70%
    - 65-65%
    - The answer is incorrect
    Score: 0
    Accepted Answers
    65-65%