Assignment 1

The due date for submitting the assignment is passed. As per your recollection you have not submitted this assignment.

1. The soil is in debris, which is discussed in the lesson “Lithogenesis”. It was contaminated with which pollutant?
   
   Options:
   - CO
   - Pb
   - As
   - Ni
   
   Correct Answer: As

2. Which method was used to test the groundwater in the Glacial site (select one or more):
   
   Options:
   - Sedimentation and underdrain
   - Decantation and underdrain
   - Pump and treat
   - Natural attenuation
   
   Correct Answer: Pump and treat

3. What was done with the treated water at the Glacial site?
   
   Options:
   - It was distributed in tanks to the employees
   - It was treated for the industrial area for use
   - It was used to irrigate crops and fields
   - It was pumped back into the aquifer
   
   Correct Answer: It was treated for the industrial area for use

4. Identify the order of steps followed in the risk assessment:
   
   Options:
   - Toxicity assessment; Exposure assessment; Risk characterization; Health identification
   

5. What was the exposure route that was considered in the Laurent Park case study (select one or more options):  
   
   Options:
   - Consumption
   - Surface water and sediments
   - Air
   
   Correct Answer: Consumption

6. In the Laurent Park case study, the carcinogenic compounds were tested for the risk assessment based on which of these parameters (select one or more options, answer based on what you have in the lecture):
   
   Options:
   - How much carcinogenic the compound is
   - Benas in WQD guidelines
   - Frequency of detection of compound
   - Concentration of compound
   
   Correct Answer: How much carcinogenic the compound is

DUE: 03-10-22, 23:68 IST