Assignment 7

Due on 2023-01-18, 12:59 IST

You have been elected as the assignment has passed. As per our records we have not submitted this assignment.

1. What is the following not an ION measurement method?
   - NIF
   - CEQ
   - OCE
   - CEQ
   - None of the above
   
   Accepted Answers:
   - CEQ
   - None of the above

2. What is the following industrial by-product with an extremely high ION?
   - Popcorn
   - Iron
   - Coal
   - None of the above
   
   Accepted Answers:
   - Iron
   - None of the above

3. What is the following method used for determination of ION?
   - Electrical
   - Chemical
   - Nuclear
   - Optical
   - None of the above
   
   Accepted Answers:
   - Electrical
   - None of the above

4. What is the following method would be more suitable for determining the particle size distribution of the fly ash?
   - XRF
   - SEM
   - Laser diffraction size measurement
   - None of the above
   
   Accepted Answers:
   - Laser diffraction size measurement
   - None of the above

5. What is the following not a geomechanical factor?
   - Water level
   - QPP
   - Pressure
   - Temperature
   - None of the above
   
   Accepted Answers:
   - Temperature
   - None of the above

6. What is the following a parameter that would be the highest friction of the line?
   - Natural
   - QPP
   - Pressure
   - Popcorn
   - None of the above
   
   Accepted Answers:
   - Natural
   - None of the above

7. What is the following properties that are most important for validation of geomechanical?
   - Water level
   - Water pressure
   - Water
   - None of the above
   
   Accepted Answers:
   - Water level
   - None of the above

8. What is the following instrument doesn’t work on the spectroscopy based detection technique?
   - XRF
   - FTIR
   - XRF
   - None of the above
   
   Accepted Answers:
   - XRF
   - None of the above

9. What is the following parameter would influence the CEC of a geomechanical?
   - Conductivity
   - Water level
   - Pressure
   - Temperature
   - None of the above
   
   Accepted Answers:
   - Conductivity
   - None of the above

10. What is the following solvents most vulnerable to biological activities?
    - Carbon
    - Carbon
    - Organic
    - None of the above
    
    Accepted Answers:
    - Organic
    - None of the above

11. What is the following solvents do not require a bacteria thermometer for gas-extraction sampling?
    - Organic
    - Carbon
    - Pressure
    - Temperature
    - None of the above
    
    Accepted Answers:
    - Organic
    - None of the above

12. What is the following instruments to detect explosives in air sampling?
    - Gas chromatography
    - ATR
    - FTIR
    - ATR
    - None of the above
    
    Accepted Answers:
    - Gas chromatography
    - ATR
    - FTIR
    - ATR
    - None of the above

13. Why is the purpose of using ultrasonic velocity testing?
    - To measure the speed of sound in a material
    - To detect cracks and flaws
    - To determine the density of a material
    - To measure the temperature of a material
    - None of the above
    
    Accepted Answers:
    - To measure the speed of sound in a material
    - None of the above