Assignment-8

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

1) Which of the following statements is/are incorrect?
- Pressure membrane extractors are used to measure the pressure head
- Pressure membrane extractors are used to measure the pore-water pressure
- Pressure membrane extractors can be used to measure the principle of Boyle's law
- None of the above
No, the answer is incorrect. Score: 0
Accepted Answer: None of the above

2) Which of the following devices can be used for pore-water pressure sampling?
- Pressure membrane extractor
- Hydraulic method
- Both (a) and (b)
- None of the above
No, the answer is incorrect. Score: 0
Accepted Answer: Both (a) and (b)

3) Which of the following is an indirect technique to establish chemical characteristics of geomaterials?
- Interception spectroscopy
- Atomic absorption spectroscopy
- Total-column reflectometry
- PH probe
No, the answer is incorrect. Score: 0
Accepted Answer: Total-column reflectometry

4) Presence of ________ will increase the soil salinity.
- Oxides
- Alumina
- Clays
- Substitutes
No, the answer is incorrect. Score: 0
Accepted Answer: Substitutes

5) Suction is directly proportional to moisture content.
- True
- False
No, the answer is incorrect. Score: 0
Accepted Answer: False

6) Manual suction of an uncontaminated soil is always less than total suction.
- True
- False
No, the answer is incorrect. Score: 0
Accepted Answer: False

7) Opened suction of a soil is mainly due to the presence of ________
- Contaminants
- Soil minerals
- Both (a) and (b)
- Moisture
No, the answer is incorrect. Score: 0
Accepted Answer: Both (a) and (b)

8) Which of the following decontamination techniques break the bonds between geomaterial and contaminants through desorption?
- Homogenization
- Ion exchange
- Air-vacuum
- Hydrolysis
No, the answer is incorrect. Score: 0
Accepted Answer: Air-vacuum

9) Which of the following states of the native soil might show high conductivity?
- Undisturbed soil
- Disturbed contaminated soil
- Contaminated soil with high water rate
- None of the above
No, the answer is incorrect. Score: 0
Accepted Answer: Undisturbed soil

10) ________ helps in identifying the corrosive property of water.
- Refractive index
- Raman index
- Molarity index
- None of the above
No, the answer is incorrect. Score: 0
Accepted Answer: Raman index

Due on 2020-03-29, 23:59 IST.