**Assignment 6**

The due date for submitting this assignment is pasted.

---

1. Which of the following experiments affected the Soil A at 10%? 1 point
   - Lift off rate
   - Moisture content
   - Temperature
   - All of the above

2. A comparison of the leaching of 
   - fertilizers
   - nutrients
   - pesticides
   - all of the above

3. The amount of rainfall that an 
   - tree
   - shrub
   - grass
   - all of the above

4. Which of the following sites are expected to have the highest 
   - acidity
   - alkalinity
   - pH
   - all of the above

5. A comparison of the soil 
   - leaching
   - infiltration
   - erosion
   - all of the above

6. The soil water content that is 
   - field capacity
   - wilting point
   - permanent wilting point
   - all of the above

7. Which of the following statements is true? 1 point
   - The soil water potential is the same as the soil water content.
   - The soil water potential is the ratio of the soil water content to the soil water potential.
   - The soil water potential is the difference between the soil water potential and the soil water content.
   - The soil water potential is the sum of the soil water content and the soil water potential.

8. A comparison of the 
   - soil water potential
   - soil water content
   - soil water tension
   - all of the above

---

9. A comparison of the 
   - Soil B
   - Soil C
   - Soil D
   - all of the above

10. Which of the following statements is true? 1 point
    - The soil water potential is the same as the soil water content.
    - The soil water potential is the ratio of the soil water content to the soil water potential.
    - The soil water potential is the difference between the soil water potential and the soil water content.
    - The soil water potential is the sum of the soil water content and the soil water potential.

11. A comparison of the 
    - Soil E
    - Soil F
    - Soil G
    - all of the above

---

Due on 2023-03-03, 23:59 IST.

---

**Notes**

- Please submit your answers in a clear and organized manner.
- Make sure to show your work and explain your reasoning for each question.
- Late submissions will be penalized.

---

**Assignment Details**

- **Topic:** Soil Science
- **Objective:** Understand the properties and management of soils.

---

**Grading Criteria**

- **Correct Answer:** 1 point
- **Incorrect Answer:** 0 points

---

**References**

- Soil Science textbook
- Online soil science resources
- Scientific journal articles on soil science

---

**Submission Guidelines**

- Submit your answers via the online platform.
- Ensure your answers are legible and easy to read.
- Submit your answers by the due date.