**SOIL 4234 Laboratory #9**

**Saline and Sodic Soils Pre-Lab (5 points)**

**Due Wednesday, October 16th at the beginning of lab**

Student

 Lab

 TA

1. (1 pt.) True or False: The fewer ions in soil solution the greater the electrical conductivity.
2. (1 pt.) Saline soils are classified as having an electrical conductivity greater than \_\_\_\_ µmhos/cm.
3. (1 pt.) Sodic soils are classified as having an exchangeable sodium percentage greater

than \_\_\_\_\_\_percent.

1. (1 pt.) At a minimum, it takes \_\_\_\_\_ pore volumes of clean water to reclaim a saline/sodic soil.
2. 2
3. 10
4. 20
5. 50

5. (1 pt.) Which of the following **IS NOT** a reclamation technique of a saline soil.

1. Leaching of soluble salts out of the soil by using good quality irrigation water
2. Create good drainage (both surface and internal)
3. Incorporation of organic matter
4. Deep till the soil