

I. Short Answer: Write the correct answer in the blank

1. _____ occurs when oxygen combines with what a rock is made of and forms new compounds.
2. Soil consists of multiple layers called _____.
3. _____ is the unweathered rock that influences the texture of the soil above it.
4. A scientist who studies soil is called a _____.
5. _____ is the largest kind of particle in soil.
6. _____ allows water and air to mix in the soil.
7. The layer in which plants germinate and roots grow is called _____.

II. True/False:

- ____ 1. The primary force behind erosion is weathering.
- ____ 2. Soil fall is gravity pulling soil down the slope of a hill.
- ____ 3. Water, wind, and ice are three agents of gravity.
- ____ 4. The speed that water moves affects the amount of sediment it can carry.
- ____ 5. Moraines are piles of rocks and soil deposited by a glacier.

III. Identification: Write "M" if the term is related to mechanical weathering.

Write "C" if the term is related to chemical weathering.

_____ 1. acid rain

_____ 2. frost heaving

_____ 3. exfoliation

_____ 4. oxidation

_____ 5. acid from lichens and mosses

_____ 6. abrasion