Soils Exercise

1. Well-managed pasture land has many benefits to soil quality. Which of the following soil quality concerns can be improved by converting conventionally tilled cropland to pasture?
2. Erosion control
3. Soil biodiversity
4. Available water capacity
5. Infiltration
6. All of the above
7. The community of living organisms and their interaction in the soil is referred to as what?
8. Arthropods
9. Decomposition
10. Micro-organisms
11. Soil food web
12. Sand, silt, and clay refer to what property of soil particles?
13. Particle size
14. Parent material
15. Soil color
16. Chemical makeup of the particles

1. There are thousands of soil types throughout the world. These many soil types have formed through a combination of five important soil forming factors. One factor is parent material. What are the other four factors?
2. Translocation
3. Climate
4. Leaching
5. Living organisms
6. Erosion
7. Landscape & topography
8. Deposition
9. Time
10. Glaciation

5. What is soil bulk density?

1. Weight of dry soil per unit volume
2. Weight of wet soil divided by the weight of dry soil.
3. Soil measurement typically expressed in grams/cm3.
4. Measurement of the total porosity of the soil.
5. A and C
6. C and D