

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?
 - A. Erosion control
 - B. Soil biodiversity
 - C. Available water capacity
 - D. Infiltration
 - E. All of the above

2. The community of living organisms and their interaction in the soil is referred to as what?
 - A. Arthropods
 - B. Decomposition
 - C. Micro-organisms
 - D. Soil food web

3. Sand, silt, and clay refer to what property of soil particles?
 - A. Particle size
 - B. Parent material
 - C. Soil color
 - D. Chemical makeup of the particles

4. 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?

- A. Translocation
- B. Climate
- C. Leaching
- D. Living organisms
- E. Erosion
- F. Landscape & topography
- G. Deposition
- H. Time
- I. Glaciation

5. What is soil bulk density?

- A. Weight of dry soil per unit volume
- B. Weight of wet soil divided by the weight of dry soil.
- C. Soil measurement typically expressed in grams/cm³.
- D. Measurement of the total porosity of the soil.
- E. A and C
- F. C and D

