

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

Answer – E

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

Answer – D

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

Answer – A

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

Answer-B, D, F, H

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/cm<sup>3</sup>.
  - D. Measurement of the total porosity of the soil.
  - E. A and C
- C and D

Answer - E

