

Soil and Water Resources Study Guide

Study resources: Chs. 4, 5, 6, 7, 13, 14 in *Managing Our Natural Resources*, class notes

I. Terms to Know and Understand:

- soil
- organic matter
- parent material
- weathering
- original tissue
- humus
- soil texture
- soil classification
- soil survey
- evaporation
- meteoric water
- transpiration
- surface water
- runoff water
- groundwater
- zone of aeration
- eutrophication
- salinization
- percolation
- sandblow
- salinization

II. Identify:

- Soil characteristics for classification
- The composition of soil
- The different types of pollution
- Major water uses
- Different techniques for controlling erosion on the farm
- Land capability classes
- The different kinds of erosion

III. Describe :

- The soil horizons
- The water cycle

IV. Discuss:

- Discuss thermal and radioactive pollution.
- What gives topsoil its color?
- Describe the majoring weather forces.
- Discuss why organic matter is important.
- Label the horizons of the soil profile; briefly describe each.