A. Soil & Soil Development
   a. What is the most important factor affecting the development of soil over time?

   __________________________________________________________
   Why? _____________________________________________________

   b. Use the “Soils of the world” map on p. 372 of your textbook & the soil descriptions found on pgs 374 to 382 to answer the following questions.

   1) What is the predominant soil found in South America? _________________
      What kind of climate produces it? ________________________________

   2) What is the predominant soil found in northern Canada & Alaska? _________________
      What is the ‘defining characteristic’ of that soil? _________________________

   3) What is the predominant soil found in northern Africa? _________________
      How would you describe it? _________________________________

B. Soil Particles & Texture
   Soil texture is determined by the relative mix of different-size particles of inorganic material.
   Name the three size particles in order of size from largest to smallest:
   Largest = _______________  Middle = _______________  Smallest = _______________

C. Human Impact on Soil
   Explain the impact that the following have on soil:

   1) Over-intensive agricultural use: ____________________________________________

   2) Inappropriate plowing: ____________________________________________________

   3) Over-irrigation: _________________________________________________________
D. Earth’s Crust & Mantle
   a. Identify the layers of Earth’s upper surface shown in the diagram to the right.
      
      A = ________________________________
      B = ________________________________
      C = ________________________________
      D = ________________________________

   b. Which is thicker (circle one) continental crust / oceanic crust.

E. Major Types of Rocks
   a. The three major types of rock are... ____________________________________________ & ____________________________________________

   b. Which type is being created by the volcanic eruption in Iceland?
      ____________________________________________

   c. Which typically forms on the bottom of lakes & oceans? __________________________

   d. What happens when the rock types in questions “b” & “c” experience great heat or pressure?
      ____________________________________________

F. Geomorphic Processes
   a. Uniformitarianism expresses the belief that the geologic processes now occurring are...
      ____________________________________________
      ____________________________________________
      ____________________________________________

   b. List the 3 processes responsible for creating Earth’s relief / pushing land up.
      1) ______________________________________ 2) ______________________________________
      3) ______________________________________

   c. List the 3 processes responsible for wearing Earth’s relief down / flattening topography.
      1) ______________________________________ 2) ______________________________________
      3) ______________________________________