ES202 Stratigraphy and Geologic Time Class

Your task is to complete portions of Lab 8 in your lab manual (**AGI 10th Ed.**).
Refer to the lab manual reading at the following URL: https://people.wou.edu/~taylors/g202/lab_manual/8_strat_time.pdf

Part1. Short Answer. Read the lab materials on **p. 209-214** and define the following terms and concepts / answer the questions.

1. Discuss the difference between relative age dating and absolute age dating, as pertaining to the geologic rock record.
2. Law of Original Horizontality –
3. Law of Lateral Continuity
4. Law of Superposition –
5. Law of inclusions-
6. Law of Cross-Cutting Relations
7. Unconformity
8. Angular Unconformity
9. Disconformity
10. Nonconformity
11. Isotope
12. Parent vs. Daughter
13. Half-Life
14. What is the daughter product and half life of Carbon 14?
15. What is the daughter product and half life of Uranium 235?
16. Can C-14 be used to numerically date materials that are 10 m.y. old? Why or why not?

Part 2. Lab Activities. Complete the following lab questions / activities.

Activity 8.2 p. 219-220 Geologic Cross-Sections and Relative Age Dating