





13. (4 pts) Explain the flat feature above the sea cliffs. What is the difference between relative and absolute sea level?
14. (4 pts) How does the type of magma impact the eruption of a volcano?
15. (8 pts) What is an estuary? What are three reasons estuaries are biologically productive? Explain.
16. (5 pts) What is a drainage basin? What are two common drainage patterns?
17. (4 pts) What are two reasons glaciers form?
18. (7 pts) What is a stream profile? What are three ways a stream changes as you go from its headwaters to its mouth?

19. (6 pts) What is risk? Define it, including its two components. What are the three approaches we discussed in analyzing risk? Apply each of the three to a decision about whether or not to require helmets for children under 14 who are riding a bicycle on a public road or sidewalk. Realize that in 2003, nearly 285,600 children ages 14 and under were treated in the US for bicycle-related injuries. Nearly half (47 percent) of children ages 14 and under hospitalized for bicycle-related injuries are diagnosed with a traumatic brain injury.

20. (4 pts) Sketch tidal ranges and wetlands, indicating the type of vegetation that is adapted to growing in each range.

21. (4 pts) What are two events that occurred during this semester that you viewed differently because of having taken this class?

22. (4 pts) What is one question you reviewed for this test that did not appear on it? Answer it.