

25 Questions You Should Know How to Answer

GEO 2200

25 Questions (A)

1. Why do Atlantic hurricanes often, but not always, veer away from Florida?
2. Why will it rain in August in Gainesville? Why will it rain in January in Gainesville?
3. Why does most of north Florida get wet when it rains in January, but different parts of Gainesville will be dry when it rains in August?
4. Why does Miami have a distinct wet season and a distinct dry season, but Tallahassee has rain year-round?
5. Why is Florida wet while most other areas of the Earth at the same latitude are deserts?

25 Questions (B)

6. If sea level rises, where will the new coastline of Florida be?
7. Why does Florida have the highest density of tornadoes, lightning strikes, and thunderstorms in the U.S.?
8. Do trailer parks really cause tornadoes?
9. If warm air rises, why are mountaintops cold?
10. Why is it good when concentrations of ozone, a toxic gas, are high in the stratosphere but low in the troposphere?

25 Questions (C)

11. Why is it good when concentrations of ozone, a toxic gas, are high in the stratosphere but low in the troposphere?
12. What are the stratosphere and troposphere?
13. Why is San Francisco a great place to live, and Fargo a lousy place to live?
14. Why is it easy to sail from Spain to the Caribbean, but difficult to sail from the Caribbean to Spain?
15. Why does California have many devastating earthquakes but Florida does not?

25 Questions (D)

16. Is our climate truly changing? What is the evidence?
17. What is the Gulf Stream and how does northern Europe depend on it?
18. Why is the surf temperature at San Diego beaches much colder than surf temperature at Miami Beach, despite being only a little further north?
19. Why is it pretty stupid to build a house on the outside of a bend in a river? On a beach?
20. What are sinkholes, why do they eat Porsche dealerships, and why is Florida so full of them?

25 Questions (E)

21. What are coral reefs and why don't they occur around Daytona Beach or in the Tampa-St. Pete area?
22. Are there truly enough natural resources to support human population growth?
23. Why are some parts of the tropics covered with rain forests, and other parts covered with seasonally dry savanna?
24. Why were most of the natural grasslands of the world converted to agriculture?
25. Why should we care about our environment?
26. Bonus: Why was beer important for the development of civilization?