

An Inconvenient Truth

Name: _____

Answer any 30 of the following 38 questions. You may skip any 8 questions.

1. When was the first picture of Earth (called "Earthrise") taken?
2. Why is the picture of Earth taken on Dec. 11, 1972 the most commonly published photograph in history?
3. Roger Revelle and Charles David Keeling were the first to propose measuring what in the Earth's atmosphere?
4. Why did they choose the middle of the Pacific Ocean for these measurements?
5. What year did Al Gore go to Kyoto, Japan?
6. What percent of people in the world get their drinking water from glacier meltwater?
7. Name one of the warm cycles that has occurred in the last 1000 years.
8. How far back does the CO₂ record go in Antarctica?
9. What is the most powerful relationship between CO₂ and temperature?
10. What happened on April 3, 1989 that shook Al Gore's world?
11. What have all occurred in the last 14 years?
12. What year was the hottest on record (so far)?
13. How many people died in the heatwave in Europe in 2003?
14. How hot did it get in India in 2003?
15. How many cities in the west were hit with all-time temperature records in that same year?
16. Who warned the Europeans that "The era of procrastination, of half-measures, of soothing and baffling expedients, of delays, is coming to its close. In its place we are entering a period of consequences."?
17. What African lake has dried up in the last few decades into almost nothing?
18. 35 years ago, there were 225 days each year that you could drive on the Arctic permafrost. How many days can you drive on the permafrost now?
19. By how many percent has the Arctic sea ice extent and thickness dropped over the last 40 years?

20. How soon could the Arctic sea ice be gone in summer?
 21. How far have polar bears been seen swimming in open water looking for ice?
 22. At what rate does the water in the North Atlantic Ocean sink?
 23. What continent was sent back into "ice age" conditions for 500-1000 years when the ocean conveyor shut down?
 24. Approximately how many new diseases have emerged in the last 25 years?
 25. How fast is the current extinction rate compared to normal levels?
 26. What is the "alarm bell" for global warming?
 27. What year did the Larsen B ice shelf break up?
 28. How much would sea level rise if West Antarctica melted?
 29. How many people in Calcutta and Bangladesh would be displaced if Greenland or West Antarctica melted?
 30. How long will a frog stay in a pot of water that is gradually getting hotter and hotter?
 31. What crop did Gore's family use to farm over the summers?
 32. Why did they stop?
 33. What percent of scientific articles disagree with global warming?
 34. What percent of articles in the popular press disagree with global warming?
 35. Who said "It is difficult to get a man to understand something when his salary depends on his not understanding it"?
 36. In the balance of the economy vs. the environment, what is weighed against the gold bars?
 37. How many times has Gore given his slide-show?
 38. We already have the technology to reduce are emissions below the level they were in what year?
- BONUS:** What are the 3 factors which are causing the collision between civilization and the Earth?