**An Inconvenient Truth Movie Analysis**

*Based on the video; please answer the questions below in thoughtful and complete sentences.*

**1. What image started the modern-day environmental movement?**

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**2. What is considered the most vulnerable part of the Earth system?**

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**3. Relatively speaking, compared to the Earth, how thick is the atmosphere?**

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**4. How can trapping infrared radiation by the Earth’s atmosphere be a GOOD thing?**

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**5. How can trapping infrared radiation by the Earth’s atmosphere be a BAD thing?**

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**6. Sketch the general trend of the “CO2 Level” versus time graph below :**

 **CO2 Level**

 CO2

 (concentration)

 1958 2000

 (time in years)

**7. What percentage of people depend on glacial melt for their drinking water?**

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**8. Why is studying ice cores important?**

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**9. What is the relationship between carbon dioxide (CO2) and atmospheric temperature?**

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**10. Over what time period have the hottest 10 years on Earth occurred?**

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**11. As the water temperature under a hurricane increases, what happens to the wind velocity of**

 **the storm?**

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**12. What has happened to Lake Chad over the years?**

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**13. How much of the Sun’s radiation gets reflected by ice?**

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**14. What redistributes energy from the equator to the North and South Poles?**

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**15. If the ice sheets of Western Antarctica were to melt, approximately how much would sea levels**

 **rise?**

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**16. List the three factors causing the collision between civilization and Earth.**

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**17. Approximately, what percentages of global carbon dioxide emissions come from forest fires?**

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**18. What country is the largest contributor of greenhouse gases into the atmosphere?**

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**19. Which country has the lowest government standards for gas mileage of automobiles?**

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**20. Which two nations have not signed onto the Kyoto Protocol?**

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