***Open Notes Quiz on Natural Resources*. Use any handouts, HW, PPTS, etc. from class. You may not consult with your classmates. WRITE YOUR ANSWERS ON A SEPARATE SHEET OF PAPER. Please do not write on this sheet. Thanks!**

1. Explain what a natural resource is. Give the difference between renewable and nonrenewable resources. Provide examples of each.
2. Describe at least 2 land resources and give examples of each. Also give 2 examples of how humans impact land resources.
3. Describe water resource statistics (How much is saltwater? freshwater?). Roughly what percent of Earth’s water resources are directly available for human use (for drinking, washing, etc.)?
4. What is the difference between the greenhouse effect and global warming? How are the greenhouse effect and global warming caused naturally (not by humans) on Earth? How are humans affecting these processes?
5. Explain how ozone is formed. How can ozone be both good and bad? How is ozone destroyed in the stratosphere?
6. Describe the purposes of the Montreal Protocol and the Kyoto agreement. Did the United States support either of these measures?
7. What is the difference between point and nonpoint pollution? Give an example of each.
8. Give both advantages and disadvantages of following sources of energy and state whether each is renewable or nonrenewable: fossil fuels, wind, biomass, nuclear, geothermal.
9. Think of the carbon cycle. How does carbon enter the ground and how are fossil fuels created? How does carbon enter the biosphere (living things)?
10. Describe how carbon enters the atmosphere both by natural and human sources. How is carbon removed from the atmosphere?