

## Computer and Writing Exercise

Choose 10 of the following to research either on-line or in a library.

Answer the questions thoroughly and then give the source of your information.

For example, if you use the Biology Text, type [www.mhhe.com/maderbiology9](http://www.mhhe.com/maderbiology9)

or the name of a book and its author if you use a book. **Choose one additional question to thoroughly research. Use at least 3 different sources; answer with a well developed paragraph (1/2 page or more) and list the 3 sources you used.** This will be due on October 19th.

1. Name two animals that have become extinct in the last 100 years. In what country did they reside and to what is their extinction attributed?
2. Name two endangered species found in Arkansas?
3. What is the species name of a giant sequoia? Where are they found in the world? What is their main distinction?
4. What is "Luna"? Give the genus and specific epithet of this type of organism. What did Butterfly Hill do to publicize the destruction of this organism in the Pacific Northwest?
5. Name three medicinal plants found in the United States and list where they are found and what they are used for.
6. What do panda bears eat? Koala bears? Polar bears? Black bears? Which one is found in Arkansas?
7. What is the West Nile Virus? Where is it found? How is it carried? Does it pose a threat to the southern part of the United States? What species does it affect?
8. Name three diseases that are caused by prions. When were they first discovered?
9. Where are opium poppies grown in the world? Name three drugs which are produced from the opium poppy.
10. Name three important medical breakthroughs made in the last ten years.
11. Name three genetically modified or engineered foods found in grocery stores.
12. What weight is considered ideal for someone your age, gender, height, etc. What is your recommended caloric intake per day? Do you eat fewer, the same or more on a typical day?
13. What is the average human life span in the United States? in Sudan? in Russia? in India?
14. What is Reyes Syndrome? Scarlet Fever? Rheumatic Fever? How common are they in the U.S. today?
15. Name five animals you might see if you visited the Arctic Circle? Antarctica? The tropical rain forest? A Coral reef?
16. Where is the Marianas Trench? Does anything live at its bottom?

What kind of organisms?

17. How did the recent Tsunami affect sea life around the Indonesian and Malaysia islands?

18. What is Hepatitis? How many forms are there? How is it carried? How is it treated?

19. What is dioxin? Is it natural or man-made? Are there any problems with being exposed to it directly?

20. Where is the rosy periwinkle found? What is its importance in human disease treatment? Where is the Pacific Yew found? How is used medicinally?

21. Recent prescribed burns on the Ozark National Forest in Arkansas have sparked some controversies. What are they? Why are they burning large tracts of forest?

22. What is the oldest living organism in the world? Where is it located? What is the largest organism on Earth today? Where is it found?

23. What is the oldest fossil plant that has been found on Earth? At what age was it determined to be?

24. What is the Clean Water Act? According to scientists, how well are we doing in the United States at conserving and protecting our waters? How safe is our fish supply?

25. What benefits are there in recycling? What types of materials can be recycled in Northwest Arkansas? Where is the landfill for northwest Arkansas located? How many years is it estimated to last?