

“ZAPPED”
Article Assignment
Due Friday, October 17, 2014

Name: _____

Period: _____

I. Answer each of the following questions in complete sentences. Remember all article assignments are take-home quizzes. All answers must be on a separate piece of clean paper. Each question is worth eight points.

1. What causes a person to die when they get struck by lightning?
2. Explain why a person is more likely to die by being electrocuted than be struck by lightning.
3. According to a study by the National Lightning Safety Institute, 52% of lightning-strike victims suffer _____.
4. What saved Michael Utley from dieing after he had been struck by lightning? Be very specific.
5. Using information from the article fill in the blank below: In the order that it appeared in the article.
 - a. About 70 people are struck dead by lightning each year in the United States.
 - b. Lightning does not electrocute anyone.
 - c. Lightning intense heat is about 30,000 degrees Celsius or 54,000 degrees Fahrenheit.
 - d. _____

6. What can lightning do to the brain of someone who has been struck?
BE VERY SPECIFIC.

7. Which of the following statements would the author probably agree with? Use information from the story to support your answer.

- a. Lightning strikes only occur during a storm.
- b. People who get struck by lightning will always die.
- c. People who get struck by lightning die because all their organs get burnt.
- d. Some people who get struck by lightning are helped not harmed.

II. VOCABULARY: Match the word with the correct definition. Each word is worth five points.

Column A

Column B

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| 1. ___ intellectual function | a. keraunopathy |
| 2. ___ clouding of the lens of the eye | b. Cardiopulmonary Resuscitation |
| 3. ___ network of nerves that regulate many of the body's involuntary vital functions | c. cognitive |
| 4. ___ medical consequences of being hit by lightning | d. autonomic nervous system |
| 5. ___ involuntary condition where all the body's muscles contract | e. Lichtenberg's Flowers |
| 6. ___ first aid technique that combines external heart massage and artificial breathing | f. cataracts |
| 7. ___ fernlike pattern on the skin caused by lightning | g. seizures |

8. Imagine that you are going to give a talk to your class about lightning and how to be safe during a thunderstorm. Using information from the article, write three things that you would include in your speech and why. DO NOT MAKE ANYTHING UP. You may also go to weather websites such as Weather Wiz Kids to find more information of staying safe during a thunderstorm. Ten points

