**BBC Documentary: Don’t Grow Old**

*Answer the questions below as you watch the video*

1. Why do you think there is such a discrepancy as to what “old” means?
2. Why don’t we really understand aging yet?
3. What diet helped the mice to live longer?
4. How old do **YOU** think Paul and Meredith look?
5. How long have they stuck to their special diet?
6. What cell are they experimenting on to understand aging?
7. Explain the yeast experiment in your own words.
8. What is Oxidative stress?
9. What are the two byproducts of taking in oxygen?
10. What was Professor Arlan Richardson’s experiment?
11. What was the result?
12. What animal lives 10 times longer than a rat?
13. Why are the results being denied by society?
14. What does Bill Andrews believe is the cause of aging?
15. What is his solution to this issue?
16. What does not age in the human body?
17. What disease does Josiah have?
18. What is this disease? What does it do?
19. How much does this medication cost for a one year supply?
20. What is the real cause of Progeria?
21. Why do damaged proteins build up in the cell as we age?
22. What is a Centenarian?
23. What are the chances to live to 100 years of age?
24. In normal people, \_\_\_\_\_\_\_% of aging is from the environment, while \_\_\_\_\_% is from genes.
25. What were the findings on genes?
26. Explain the experiment in 1979.
27. What were the results? Why did this happen?
28. The researcher says that views on aging determine \_\_\_\_\_\_\_\_\_\_\_.