

Extra Credit Reading
THE ANDROMEDA STRAIN

Name: _____

1. What were Lieutenant Shawn and Private Crane sent to retrieve?
2. When Lieutenant Shawn surveyed Piedmont with his binoculars, what were some clues that something might be wrong?
3. Describe the man still alive in Piedmont, AZ.
4. When the scientists were called to Wildfire, what code words were used? What significance do the code words have?
5. In a case of biological emergency, select scientists were prepared to mobilize immediately to go to Wildfire. What was Wildfire? Describe its design.
6. Summarize the Scoop project, detailing what happened to each satellite. What was the project's true objective?
7. List the names of the four scientists who were mobilized for Wildfire. Include their occupations and their personality characteristics.
8. Why was Mark Hall chosen to be one of the scientists for Wildfire?
9. Where was the satellite found?
10. Describe what Stone and Burton found unusual about Dr. Benedict when they first examined him. Why did this happen?
11. Name the two different ways people in Piedmont appeared to have died.

12. Who were the survivors in Piedmont, AZ?
13. Explain the Odd Man Hypothesis.
14. Describe the three sources from which bacteria could be brought back by a Scoop satellite.
15. Why was it beneficial to experiment with a black Norwegian rat?
16. Describe what Stone and Leavitt found in the capsule.
17. What was actually happening when the spots turned from green to purple and back to green again?
18. What were Burton's findings in the autopsy room? What did Burton fail to do? When did he discover his error?
19. What were the laboratory results of the tests run on the baby and Peter Jackson?
20. Mancheck wondered why Wildfire had not responded to the delay to Directive 7-12 or the Phantom crash. Why do you think there was no response from Wildfire?
21. How is scientific research much like prospecting? Do you agree or disagree? Why?
22. What had the group concluded was the hallmark of life? What were the exceptions to this rule? How was this hallmark of life proven incomplete?
23. What was the difference between Directives 7-11 and 7-12? What would you have chosen given the information at the time?

24. Explain why enzymes are essential to life.

25. What is special about blood vessels in the brain?

26. The Andromeda strain produced no excretions or waste. Why would this make the organism best suited to its environment?

27. The president decided to wait 48 hours to call a Directive 7-12. Why was that the correct decision to make, even though the scientists wanted it issued immediately?

28. Throughout the novel, Leavitt avoided flashing red lights. Why?

29. The Andromeda strain could only grow in a pH range of 7.39 to 7.43. Why did Hall refer to this as his “highway diagnosis?”

30. What do the seal breaking in the autopsy room and the Phantom jet crash have in common?

31. Why was Stone alarmed when the scientists discovered that Andromeda had mutated to a noninfectious form?

32. Level V was contaminated and sealed. What predicament did the design of Wildfire cause for for Mark Hall?

33. Explain how the pH level of the blood, the growth range of Andromeda, and acidosis and alkalosis relate to one another.

34. Did you like this book? Why or why not?

35. What did you learn about the scientific process by reading this book?