

Name _____ Date _____

Lab Section _____ I was present and performed this exercise (initials) _____

2 If growth appears on both unopened plates, what are some likely explanations? What if growth appears on only one plate? How does growth on the unopened plates affect the reliability (your interpretation) of the other plates?

If growth appears on both plates, there could have been contamination.

If growth appears on one plate, it could have been contaminated during use.

3 Why were the specific types of exposure (air, hair, tabletop, etc.) chosen for this exercise?

Because they are major sources of contamination in an environment

4 Why were you asked to incubate the plates at two different temperatures? Be specific. What is the likely source (reservoir) of organisms that grew best at 37°C, and how do they survive at room temperature without nutrients?

To determine whether they were affected differently based on temperature and how the bacteria feeds off of the media.