

Name: \_\_\_\_\_

*Instructions: Question 1 should be answered by watching all three sections of the virtual industry tour.*

1. List eight careers mentioned in the virtual industry tour.

- |    |    |
|----|----|
| 1. | 5. |
| 2. | 6. |
| 3. | 7. |
| 4. | 8. |

2. Where is each business located?

Business	Location
Nova-Tech	
Novozymes	
LI-COR	

*Instructions: the following questions are specific to the Nova-Tech section.*

3. Describe what Nova-Tech does:

4. In Nebraska, on average, how much per hour are chemists paid? \_\_\_\_\_

5. How many STEM related educational programs are offered in Nebraska colleges? \_\_\_\_\_

6. Describe a sterility test:

7. In 2022, what percent of chemists were employed in the manufacturing industry?

\_\_\_\_\_

*Instructions: the following questions are specific to the Novozymes section:*

8. Describe what Novozymes does:

9. What is an enzyme?

10. What percent of biological scientists are female? \_\_\_\_\_

11. Describe the job responsibilities of a quality control microbiology analyst:

12. Describe the steps to creating a slide to test for contamination in samples:

---

*Instructions: the following questions are specific to the LI-COR section.*

13. Describe what LI-COR does:

14. In Nebraska, on average, how much per hour are soil and plant scientists paid? \_\_\_\_\_

15. Besides Nebraska, where else does LI-COR have facilities?

16. Describe the job responsibilities of an applications analyst:

17. Describe the function of a portable photosynthesis system:

---

*Instructions: Respond to Question 16 after watching all three sections of the virtual industry tour.*

18. Which of the careers introduced in the virtual industry tour best fit your skill set and interests?  
Explain?