| 1. Would you consider analyzing data or information a strength? How so? |
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| 2. Share an effective method you have used to ensure that product quality complies with standards and specifications. |
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| 3. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.) |
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| 4. Tell me how you organize, plan, and prioritize your work. |
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| 5. Share an experience when you applied new technology or information in your job. How did it help your company? |
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| 6. In your experience, what is the key to ensuring your company was compliant with all laws, regulations and standards that were applicable to your area of responsibility? |
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| 7. Share an effective approach to working with a large amount of information/data. How has your approach affected your company? |
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| 8. Share an experience in which your diligence of inspecting equipment, structures, or materials helped you identify a problem or the cause of a problem. |
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| 9. Tell me about the last time you monitored or reviewed information and detected a problem. How did you respond? |
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| 10. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant? |
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| 11. Share a time when you successfully used scientific rules or methods to solve a problem at work. |
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| 12. Share an experience you had in dealing with a difficult person and how you handled the situation. |
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| 13. Share an experience in which your attention to detail and thoroughness had an impact on your last company. |

| 14. Provide an effective method you have used to compile and interprety results of tests and analyses. |
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| 15. Name a time when you identified strengths and weaknesses of alternative solutions to problems. What was |
| the impact? |
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| 16. Tell me about an experience in which you analyzed information and evaluated results to choose the best |
| solution to a problem. |
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| 17. What techniques have you used to conduct chemical experiments, tests, and analyses? Provide an |
| experience. |
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| 18. Tell me about a recent experience you've had working with your hands. |
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| 19. Share an experience in which you successfully conducted laboratory tests and assisted scientists in making |
| analyses of materials. |
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| 20. What have you found to be the best way to monitor the performance of your work and/or the work of |
| others? Share a time when you had to take corrective action. |
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| 21. How would you rate your writing skills? (Ask for an example that demonstrates great writing skills.) |
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| 22. Describe an effective program of sampling or analysis you developed which helped you to maintain |
| quality standards of materials and products. |
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| 23. Share an experience in which you prepared chemical solutions for products and/or processes. What |
| methods made you successful? |
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| 24. Provide an effective method you have used to provide and/or maintain a safe work environment. |
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| 25. Share an experience in which you successfully operated experimental pilot plants. |
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| 26. Describe an effective technique you have used to maintain the cleanliness of laboratory instruments and |
| equipment. |

| 27. Share an example of when you went above and beyond the "call of duty". (Look for answers that show the |
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| candidate is dependable.) |
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| 28. How do you balance cooperation with others and independent thinking? Share an example. (Try to |
| determine if the candidate has a cooperative attitude or is otherwise good-natured.) |
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| 29. What is the state of your reports and documentation? Name one thing you would like to improve. |
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| 30. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the |
| situation and outcome? |
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| 31. Provide an example when your ethics were tested. |
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| 32. Describe an experimental apparatus you designed which helped you to develop a new product or process. |
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| 33. Tell me about an effective chemical engineering process or production technique which you developed. |
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| 34. Share an experience in which you effectively provided technical support to a chemist or engineer. |
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| 35. Provide a time when you worked in a rapidly evolving workplace. How did you deal with the change? |
| (Make sure the candidate is flexible.) |
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| 36. Name a time when your patience was tested. How did you keep your emotions in check? |
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| 37. Provide an experience in which you successfully directed other workers. What methods made you |
| successful? |
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| 38. Tell me about a time when you developed your own way of doing things or were self-motivated to finish |
| an important task. |
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| 39. Provide an experience in which you were sensitive to somone's needs or feelings. How did your |
| helpfulness affect your work environment? |

| 40. Share an experience in which you've successfully learned how to handle a new piece of equipment? |
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| 41. Give me an example of when you thought outside of the box. How did it help your employer? |
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| 42. Share a time when you willingly took on additional responsibilities or challenges. How did you |
| successfully meet all of the demands of these responsibilities? (Make sure the candidate is a self-starter and |
| can demonstrate some initiative.) |
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| 43. Describe an experience in which you identified the educational needs of your students and successfully |
| developed a way to teach/train them. |
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| 44. Provide an experience that demonstrates your ability to manage time effectively. What were the challenges |
| and results? |
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| 45. Share an experience in which you conducted a test of a product, service, or process and successfully |
| improved the quality or performance. |
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| 46. Please share an experience in which you presented to a group. What was the situation and how did it go? |
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| 47. Provide an example of when you were persistent in the face of obstacles. |
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| 48. Provide a time when you were able to identify a complex problem, evaluate the options, and implement a |
| solution. How did the solution benefit your employer? |
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| 49. Share an experience in which you successfully coordinated with others. How about a coordination effort |
| that was not as successful? |
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| 50. Share an example of when you established and accomplished a goal that was personally challenging. What |
| helped you succeed? |
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| 51. Share an experience in which your understanding of a current or upcoming problem helped your company |
| to respond to the problem. |
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| 52. Name a time when your creativity or alternative thinking solved a problem in your workplace. |
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| 53. Provide a time when you dealt calmly and effectively with a high-stress situation. |
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| 54. Share an experience in which your willingness to lead or offer an opinion helped your company. |
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| 55. Share an experience in which your ability to consider the costs or benefits of a potential action helped you |
| choose the most appropriate action. |
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| 56. What are some long-range objectives that you developed in your last job? What did you do to achieve them? |
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| 57. Describe a time when you successfully provided personal assistance to a coworker or patron. |
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| 58. Please share an experience in which you successfully taught a difficult principle or concept. How were you |
| able to be successful? |
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| 59. How do you stay fit in order to perform physical activities that are required in the workplace? |
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| 60. In your experience, what is the key to developing a good team? (Look for how they build mutual trust, |
| respect, and cooperation.) |
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| 61. Share an experience in which personal connections to coworkers or others helped you to be successful in |
| your work. (Make sure candidate works well with others.) |
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| 62. Tell me about the last time you oversaw the work of someone else. How did you effectively motivate, |
| develop, and direct the worker(s)? |
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| 63. Share an experience in which you used new training skills, ideas, or a method to adapt to a new situation |
| or improve an ongoing one. (Look for the candidate's ability to learn.) |
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| 64. Describe a time when you successfully serviced, repaired, calibrated, or tested a device that operates |
| mainly by electronic principles. |
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| 65. Describe a time when you successfully serviced, repaired, or tested a machine or device that operates mainly by mechanical principles. |
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| 66. Tell me about a time when you successfully determined the cause of an operating error at your company and solved the problem. |
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| 67. Describe a time when you were able to select the best tool to do a job. How did you use reasoning skills to make the best choice? |
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| 68. Tell me about a time when your ability to analyze needs and product requirements helped you create an effective design or make an informed decision to benefit your company. |
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| 69. Provide an experience in which your ability to actively find ways to help people improved your company or your own work ethic. |
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| 70. Provide an example when you were able to prevent a problem because you foresaw the reaction of another person. |
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| 71. Tell me about your last experience doing repair work. How did you determine what tools you needed? |
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| 72. Tell me about the last time you performed routine maintenance on equipment. How did you determine when and what type of work was needed? |
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| 73. Describe an experience in which you successfully controlled the operation of a difficult system. What made you successful? |
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| 74. Please share with me an example of how you helped coach or mentor someone. What improvements did you see in the person's knowledge or skills? |
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| 75. Provide an example of a time when you successfully organized a diverse group of people to accomplish a task. |
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