

Actuarial Mathematician Interview Questions

1. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?
2. Share an effective method you have used to ascertain premium rates required and cash reserves and liabilities necessary to ensure payment of future benefits.
3. Name a time when your advice to management led to an improvement in your company or otherwise helped your employer.
4. 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?
5. Provide an example of when you set expectations and monitored the performance of subordinates. What guidance and direction did you find most effective?
6. Share an experience you had in dealing with a difficult person and how you handled the situation.
7. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.)
8. Tell me how you organize, plan, and prioritize your work.
9. What are some long-range objectives that you developed in your last job? What did you do to achieve them?
10. Share an experience when you applied new technology or information in your job. How did it help your company?
11. Give me an example of when you thought outside of the box. How did it help your employer?
12. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.
13. Would you consider analyzing data or information a strength? How so?

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14. 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?

15. Share an effective approach to working with a large amount of information/data. How has your approach affected your company?

16. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?

17. Share an experience in which your ability to consider the costs or benefits of a potential action helped you choose the most appropriate action.

18. 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?

19. Name a time when you identified strengths and weaknesses of alternative solutions to problems. What was the impact?

20. Please share an experience in which you presented to a group. What was the situation and how did it go?

21. Provide an example when your ethics were tested.

22. Share an experience in which your understanding of a current or upcoming problem helped your company to respond to the problem.

23. Share an experience in which your attention to detail and thoroughness had an impact on your last company.

24. Provide an experience in which you explained a complex technical matter to a client.

25. Describe an insurance, annuity, or pension plan which you designed. How did you determine the financial soundness of your plan?

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26. Share an example of when you went above and beyond the "call of duty". (Look for answers that show the candidate is dependable.)

27. How would you rate your writing skills? (Ask for an example that demonstrates great writing skills.)

28. Share an effective method you have used to analyze statistical information and estimate mortality, accident, sickness, disability, or retirement rates.

29. Provide an example of a time when you successfully organized a diverse group of people to accomplish a task.

30. Tell me about your last experience recruiting, interviewing, or hiring an employee. What techniques did you find most effective in finding the right person for the job?

31. Share an example of when you established and accomplished a goal that was personally challenging. What helped you succeed?

32. 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.)

33. Describe an experience in which you identified the educational needs of your students and successfully developed a way to teach/train them.

34. Provide an example of when you were persistent in the face of obstacles.

35. Provide a time when you successfully advised a client on an important decision.

36. In your experience, what is the key to developing a good team? (Look for how they build mutual trust, respect, and cooperation.)

37. 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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38. Share an experience in which your collaboration with programmers, underwriters, accounts, claims experts, or senior management helped your company to develop a plan for improving business. How did your participation benefit your company?

39. Provide an experience in which you successfully helped a financial institution manage a risk or maximize a return.

40. What is the key to a successful budget?

41. Describe an accurate probability table which you constructed. What factors did you consider and what data did you use which was helpful?

42. What is the most challenging part of budgeting for you?

43. 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.

44. 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.)

45. Share an experience in which your willingness to lead or offer an opinion helped your company.

46. Describe a time when you successfully persuaded another person to change his/her way of thinking or behavior.

47. 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.

48. Provide a time when you worked in a rapidly evolving workplace. How did you deal with the change? (Make sure the candidate is flexible.)

49. Provide an example when you were able to prevent a problem because you foresaw the reaction of another person.

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50. 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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51. Tell me about the last time you monitored or reviewed information and detected a problem. How did you respond?

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52. Provide a time when you dealt calmly and effectively with a high-stress situation.

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53. Share an experience in which you successfully coordinated with others. How about a coordination effort that was not as successful?

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54. Name a time when your creativity or alternative thinking solved a problem in your workplace.

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55. Provide a time when you successfully testified before a public agency or in court.

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56. Share an effective method you have used to determine equitable basis for distributing surplus earnings under participating insurance and annuity contracts in mutual companies.

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57. Provide an experience that demonstrates your ability to manage time effectively. What were the challenges and results?

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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. Name a time when your patience was tested. How did you keep your emotions in check?

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60. Describe an effective policy contract provision for a type of insurance which you determined.

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61. 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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62. Describe an experience in which your ability to work well with others and reconcile differences helped your company or employer. (Make sure the candidate knows how to negotiate.)

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63. Share an experience in which you successfully explained a change in contract provisions to a customer.

64. Provide a time when you successfully managed credit or priced corporate security offerings.

65. Provide an experience in which you were sensitive to someone's needs or feelings. How did your helpfulness affect your work environment?

66. Tell me about the last time you oversaw the work of someone else. How did you effectively motivate, develop, and direct the worker(s)?

67. 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.)

68. Tell me about some of your most recent computer programming projects.

69. Provide an example of a project you worked on that demonstrates your programming abilities. What was your role in the project?