

Physical Chemist Interview Questions

1. What have you found to be the best way to analyze organic or inorganic compounds to determine chemical or physical properties, composition, structure, relationships, or reactions, using chromatography, spectroscopy, or spectrophotometry techniques?

2. Describe methods you have found effective to maintain laboratory instruments to ensure proper working order and troubleshoot malfunctions when needed.

3. Walk me through how you confer with scientists or engineers to conduct analyses of research projects, interpret test results, or develop nonstandard tests.

4. What is the most challenging part of preparing test solutions, compounds, or reagents for laboratory personnel to conduct tests? Share an example.

5. Share an experience you had in dealing with a difficult person and how you handled the situation.

6. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.)

7. Tell me how you organize, plan, and prioritize your work.

8. Share an experience when you applied new technology or information in your job. How did it help your company?

9. Give me an example of when you thought outside of the box. How did it help your employer?

10. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.