

Name _____

Exploring the Lab: A Day in the Life of a Laboratory Technician

Open-Ended Response Answer Key

1. Answers will vary but may include differences in sample types, testing methods, and research goals.
2. Quality control is essential to verify the accuracy and reliability of test results. Laboratory Technicians ensure accuracy through rigorous adherence to protocols and regular quality control checks.
3. If a Laboratory Technician encounters unexpected results, they might review procedures, retest samples, and consult with colleagues to identify potential sources of error.
4. Advancements in technology have improved the efficiency and accuracy of laboratory testing, allowing for faster and more precise results. Automation reduces human error, and computerized data analysis enhances data interpretation.

