Test Strategies

For each of the scenarios write out a test strategy that will optimize both time and costs to ensure the best quality software that the scenario can achieve. Some questions to keep in mind are the following:

1.) Which testing processes make sense for each scenario?
2.) Which of the processes are the most critical for the end user?
3.) What else could be done to ensure quality of the software?

Scenario One
Your company is about to release an updated software product that has been used in production for the past 10 years. They have fixed a few bugs and have added a few new features.

Scenario Two
The company you work for produces components to be used by other companies in building their software systems. They depend on the functionality provided by your components to be correct according to the specification.

Scenario Three
Your company develops a web-based system using a popular web-development framework. This framework is used by many other companies and has a large community supporting it.

Scenario Four
Your company builds interfaces for legacy systems. You do not have access to the source code of the legacy system and all the documentation of the system has been lost for many years.