

CISC / CMPE 327 Software Quality Assurance

Mini-Exam #1 Hints

Mini-Exam #1 covers **Lectures L1-L5** and associated slides. That is, it covers all of Quality Assurance, Software Processes, Process Evaluation and Standards, and Extreme Programming (XP).

Here are the kinds of questions that have appeared on past Quizzes and Exams in this portion of the course.

1. What are the three general principles of quality assurance?
2. Match a list of quality parameters (correctness, usability, ...) with their definitions and kinds (technical or user).
3. Name and describe the four fundamental software process activities.
4. Given a description of how Company X does their software process, identify the process they think they are using, and describe what they are doing wrong.
5. Match each of a list of software processes with their strengths and weaknesses.
6. Associate each of the following XP **practices** with the **risks** to project success they are designed to address (or vice versa).
7. Given a project where we need to develop the driver of a GPU card on MacOS, which process would you pick? Why?