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Inft B

1. Why is successful test execution automation difficult?

**Ans** Maintenance of test system is difficult

2. Which of following is not considered as benefit of testing tools?

**Ans** Easy to implement and maintain

3. From the list below, select the recommended principles for introducing a chosen test tool in an organization?

1. Roll the tool out to the entire organization at the same time.
2. Start with a pilot project.
3. Adapt and improve processes to fit the use of the tool.
4. Provide training and coaching for new users.
5. Let each team decide their own standard ways of using the tool.
6. Monitor that costs do not exceed initial acquisition cost.
7. Gather lessons learned from all teams.

**Ans** 2,3,4,7

4. The object will run may facilitate the testing of components or part of a system by simulating the environment in which the test

**Ans** Test harness

5. Given the following types of tool, which tools would typically be used by developers and which by an independent test team:

- i. Static analysis
- ii. Performance testing
- iii. Test management
- iv. Dynamic analysis
- v. Test running
- vi. Test data preparation

**Ans** Developers would typically use i and iv; test team ii, iii, v and vi

6. Which of the following tools would be involved in the automation of regression test?

**Ans** Capture/Playback

7. The software engineer's role in tool selection is

**Ans** To identify, evaluate, and rank tools, and recommend tools to management

8. Who would USUALLY perform debugging activities?

**Ans** Developers.

9. Some tools are geared more for developer use. For the 5 tools listed, which statement BEST details those for developers

- i) Performance testing tools.
- ii) Coverage measurement tools.
- iii) Test comparators.
- iv) Dynamic analysis tools.
- v) Incident management tools.

**Ans** ii. and iv. are more for developers

10. Which of the following activities should be performed during the selection and implementation of a testing tool?

- i) Investigate the organisation's test process.
- ii) Conduct a proof of concept.
- iii) Implement the selected tool on a project behind schedule to save time.
- iv) Identify coaching and mentoring requirements for the use of the selected tool.

**Ans** i, ii, iv.