Practice Quiz: Making Our Future Lives Easier

TOTAL POINTS 5

1. Which proactive practice can you implement to make troubleshooting issues in a program easier when they happen again, or face other similar issues?   `1 point`

   - ⦿ Create and update documentation
   - ○ Use a test environment.
   - ○ Automate rollbacks.
   - ○ Set up Unit tests.

2. Which of the following is a good example of mixing and matching resources on a single server so that the running services make the best possible use of all resources?   `1 point`

   - ○ Run two applications that are CPU intensive between two servers.
   - ○ Run a CPU intensive application on one server, and an I/O intensive application on another server.
   - ⦿ Run a RAM intensive application and a CPU intensive application on a server.
   - ○ Run two applications that are RAM and I/O intensive on a server.

3. One strategy for debugging involves explaining the problem to yourself out loud. What is this technique known as?   `1 point`

   - ○ Monitoring
   - ⦿ Rubber Ducking
   - ○ Testing
   - ○ Ticketing

4. When deploying software, what is a canary?   `1 point`

   - ○ A test for how components of a program interact with each other
   - ○ A test of a program's components
   - ⦿ A test deployment to a subset of production hosts
   - ○ A small section of code

5. It is advisable to collect monitoring information into a central location. Given the importance of the server handling the centralized collecting, when assessing risks from outages, this server could be described as what?   `1 point`

   - ⦿ A failure domain
   - ○ A problem domain
   - ○ CPU intensive
   - ○ I/O intensive

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