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1. You are having lunch with a former colleague, who asks you how your new DevOps job compares to your experience together in a more traditional, legacy environment. How might you be likely to respond?

1 / 1 point

- ☐ I feel very isolated and have little interaction with my teammates.
- ☐ It is pretty much the same.
- ☐ It is very stressful, because I'm constantly worried that I'll be blamed when code breaks.
- ☒ I've learned so much more about the overall operating environment, and I think I've become better at development because of it.

✓ Correct

On DevOps teams, the boundaries between development, testing and operations are fluid as teammates work together to create highly automated, encapsulated systems.

2. You are managing an agile team that is working together for the first time. Code has been committed and built, and you are ready to test. How will you advise and guide the team through testing?

1 / 1 point

- ☐ Save time by running tests simultaneously.
- ☒ For our large (system) tests, it is relatively more important for us to be comprehensive vs. fast.
- ☐ In order to shorten the delivery pipeline, we'll only put the most important config. parameters in version control.
- ☐ Don't take time to describe tests--just get them done so you can get the results you need.

✓ Correct

Large tests target system-wide issues such as end user functionality, capacity and security. The tests are often run in separate, controlled environments. These tests should be very comprehensive and may require longer periods to run.

3. You've recently transitioned to a team practicing agile and continuous delivery. You have just finished your first release with the new team. How would you describe the biggest difference between testing in your old legacy environment and the new?

1 / 1 point

- ☐ Once Quality Assurance testing is complete, I like having a complete list of all of the code fixes I need to make.
- ☐ Testing on the new team is less automated.
- ☐ My new team identifies all possible tests.
- ☒ We focus testing around our view of the user's experience with the product.

✓ Correct

High-functioning agile teams use exploratory testing to find the happy path that users will take through the application rather than testing all possible permutations of the product.

4. BKG Consulting is new to the practice of continuous delivery. They've made a lot of progress, but not all configuration is tracked in version control and some processes are still executed manually against process notes. How do teams in similar situations commonly falter during the release stage?

1 / 1 point

- ☐ Teams use the build from the artifact repository.
- ☒ Teams encounter a problem and make an undocumented manual change to fix it.
- ☐ Teams lose time documenting changes.
- ☐ Teams deploy changes to only a subset of users.

✓ Correct

Particularly if a separate operations group handles updates and changes to production, the team is likely to run into issues with updates. Even if they're in theory documented, written processes are themselves only tested by hand (vs. run and validated automatically), which is not very reliable. Manual processes and configuration not managed through version control would be regarded as technical debt from the standpoint of practicing continuous delivery.

5. Casey is on a new team that runs retrospectives after every sprint. She's impressed that they sometimes review results and that everyone on the team gets a chance to jump in to share why they think things happened during the previous sprint. Sometimes she's just not sure that she understands the big picture, though. How could her team improve its retrospectives?

1 / 1 point

- ☐ The team should focus on results rather than the opinions of the team.
- ☒ The facilitator should prepare retrospective agendas and work on practicing the '5 why's' so the team is sure to get to the root of problems discussed.
- ☐ The team needs to review retrospective meeting notes.
- ☐ Since retrospectives take so much of the team's time, they should be more focused but happen less often.



Correct

Retrospectives take a significant amount of the team's time, so it is important that the facilitator prepares and creates an agenda and is familiar with techniques to get at root causes so that the team can cover all of the critical elements and make sure everyone understands the big picture.