



## Continuous Integration

TOTAL POINTS 5

1. Continuous Integration (Select all answers that apply):

1 point

- ☒ Speeds up the development process, as builds and tests are fully automated
- ☒ Can speed development, as wrong paths can be discovered before they are pursued for a long time
- ☒ Can be costly to set up, as it requires a server and staff and training developers to use properly
- ☒ Can put a strain on developers who have to submit changes constantly
- ☒ Minimizes regression bugs, since thorough testing is done at every stage before release (i.e. continuously)

2. What is the correct order of the Continuous Integration process stages?

1 point

- ☐ Delivery, Integration and Deployment
- ☐ Integration, Deployment and Delivery
- ☐ Deployment, Delivery and Integration
- ☒ Integration, Delivery and Deployment

3. Which statement is true?

1 point

- ☐ You do not need Continuous Integration if you use a revision control system such as Git
- ☐ You do not need a revision control system such as Git if you use Continuous Integration methods
- ☒ Use of Continuous Integration and revision control methods are independent, but are usually employed together

4. The Linux Kernel Continuous Integration Project was initiated by:

1 point

- ☐ The Apache Software Foundation
- ☒ Linaro
- ☐ The Linux Foundation
- ☐ The Free Software Foundation
- ☐ FIFA

5. There are many tooling suites used for Continuous Integration. The most widely used one is:

1 point

- ☐ Bamboo
- ☐ Eclipse
- ☒ Jenkins
- ☐ Emacs
- ☐ Travis CI

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