

# Third Quiz - II PAO 2021

**Due** Dec 16 at 11:45am**Points** 22**Questions** 19**Available** Dec 16 at 11am - Dec 16 at 11:59am about 1 hour**Time Limit** 30 Minutes

## Instructions

Carefully read each of the questions and select the best possible answers for them. This is an individual work; therefore, you should not ask for answers to your classmates, you should not look for answers at any physical or electronic element. Be honest.

## Attempt History

	Attempt	Time	Score
<b>LATEST</b>	<a href="#">Attempt 1</a>	30 minutes	19 out of 22

Score for this quiz: **19** out of 22

Submitted Dec 16 at 11:37am

This attempt took 30 minutes.

### Question 1

3 / 3 pts

Match the descriptions given in the left with the tools given in the right:

**Correct!****Tool that allows to generate builds.**

Gradle

**Correct!****Server that allows to perform and coordinate continuous integration.**

Jenkins

**Correct!****A distributed version control system.**

Git



### Question 2

1 / 1 pts

The software engineering practice that requires the developer to frequently integrate their code into a shared repository (e.g., GIT) is:

Correct!

- ☒ Continuous integration.
- ☐ Jenkins.
- ☐ Top-down integration.

### Question 3

1 / 1 pts

The statement "*One goal of continuous integration is to detect errors as soon as possible,*" is:

Correct!

- ☒ True
- ☐ False

### Question 4

1 / 1 pts

A public and free tool to facilitate continuous integration is:

Correct!

- ☐ Git.
- ☐ Gradle.
- ☐ Junit.
- ☒ Jenkins.

### Question 5

1 / 1 pts

The statement "*Continuous integration does not follow an incremental development approach*", is:

☐ True

Correct!

☒ False

### Question 6

1 / 1 pts

If in a continuous integration the build fails, then Who is responsible for repairing the build?

☐ The test manager.

☐ The developer who requires a correct build.

Correct!

☒ The developer who produced the wrong build.

☐ The configuration manager.

### Question 7

1 / 1 pts

Match each term given on the left with the best description given on the right:

Correct!

**Source stage:**

A pipeline run is triggered ▼

Correct!

**Build stage:**

We combine the source ▼

Correct!

**Test stage:**

We run automated tests ▼

Correct!

Deploy stages:

Once we have a built a r ▼

### Question 8

1 / 1 pts

The statement "*Continuous Delivery includes infrastructure provisioning and deployment, which may be manual and consist of multiple stages*", is:

Correct!

☒ True

☐ False

### Question 9

1 / 1 pts

The four portions of a decision table are (select all that apply):

Correct!

☐ The rules entries.

☒ The condition entries.

Correct!

☒ The action stub.

☐ The response outputs.

Correct!

☒ The condition stub.

Correct!

☒ The action entries.

### Question 10

1 / 1 pts

The statement "*The don't care entry has two major interpretations: the condition is irrelevant, or the condition does not apply*", is:

Correct!

☒ True

☐ False

### Question 11

0 / 1 pts

Which of the following types of mocks is typically easier to implement?

You Answered

☒ Stub.

Correct Answer

☐ Driver.

Unanswered

### Question 12

0 / 1 pts

The statement "*Big Bang testing is the most efficient because it does not require time to program drivers and stubs*", is:

☐ True

Correct Answer

☐ False

### Question 13

1 / 1 pts

The statement "*The objective of the integration tests is to detect defects in the interfaces and interactions between the modules and subsystems that are integrated*", is:

Correct!

☒ True

☐ False**Question 14****0 / 1 pts**

The statement "*Usually integration tests are PLANNED after unit tests*", is:

You Answered

☒ True

Correct Answer

☐ False**Question 15****1 / 1 pts**

Indicate which of the following options is FALSE for a Top-Down testing strategy:

Correct!

☒ I must program drivers.☐ It is not an incremental approach☐ It is a type of integration test.☐ I must program stubs.**Question 16****1 / 1 pts**

Which of the following techniques or types of software testing is useful to verify, as software development progresses, that the interfaces between modules are working properly?


☐ Acceptance testing.☐ Continuous integration.

Correct!


☐ Regression testing.☒ Integration testing.**Question 17****2 / 2 pts**

Match the type of mock given in the left with the phrase given in the right:

Correct!

**Stub**It is a program to be call 

Correct!

**Driver**It is a program that calls **Question 18****1 / 1 pts**

The statement *"In decision tables testing the inputs are also called cases"*, is:

Correct!

☒ True☐ False**Question 19****1 / 1 pts**

The statement *"Decision tables testing is a type of structural testing"*, is:

Correct!

☐ True☒ False

Quiz Score: **19** out of 22