

Unit 3 - Week 1

Course outline

How to access the portal

Pre-requisite Assignment

Week 1

- Lecture 1 - Motivation
- Lecture 2 - Terminologies
- Lecture 3 -Testing based on Models and Criteria
- Lecture 4 - Automation - JUnit as an example
- Feedback for week 1
- Quiz : Assignment 1

Week 2

Week 3

Week 4

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Week 12

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Assignment 1

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.

Due on 2019-08-14, 23:59 IST.

1) State true or false: Testing can be used to find all the errors in code.

1 point

- True.
- False.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
False.

2) Which of the following are practised in level 3 thinking during testing?

1 point

- Testing is a mental discipline, everyone in an organization strives to test thoroughly.
- Testing is done mainly by developers, to debug their code.
- Testing is done to identify failures and reduce risks.
- Testing is done to show absence of errors.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Testing is done to identify failures and reduce risks.

3) Which of the following lists difference between verification and validation?

1 point

- Verification is done during software development whereas validation is done at the end of software development.
- Verification is done to ensure that a software works correctly whereas validation is done to ensure all requirements are met.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Verification is done during software development whereas validation is done at the end of software development.

4) Which of the following is correct?

1 point

- Failure leads to a fault.
- Fault leads to a failure.
- Fault leads to an error, which in turn, leads to a failure.
- Fault and error are the same, any of them can lead to a failure.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Fault leads to a failure.  
Fault leads to an error, which in turn, leads to a failure.

5) When do we say that a test case has passed?

1 point

- When the test case executes without any error.
- When the test case executes and an output is produced.
- When the test case executes and the output produced matches the expected output.
- When the test case executes and the output produced can be traced to a requirement.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
When the test case executes and the output produced matches the expected output.

6) Which of the following best defines usability testing?

1 point

- Testing done to ensure that the system looks nice.
- Testing done to ensure that the system is fast enough.
- Testing done to ensure that the system is available for all users.
- Testing done to ensure that the user interface is as specified

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Testing done to ensure that the user interface is as specified

7) Which of the following is a list of white-box testing techniques?

1 point

- Unit testing, performance testing.
- Integration testing, stress testing.
- Unit testing, integration testing.
- Usability testing, performance testing.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Unit testing, integration testing.

8) The problem of isolating the identified faults during integration testing belongs to which of the following phases of testing?

1 point

- Test isolation.
- Test execution.
- Test automation.
- Test evaluation.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Test evaluation.

9) Tests written in JUnit are embedded into which software entity?

1 point

- Test methods.
- Test classes.
- Prefix and postfix values.
- Assertions.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Test methods.

10)State true or false: The assertion assertTrue(string, Boolean) will print the string when the predicate returned of type Boolean is true.

1 point

- True.
- False.

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
False.