Higher Order Testing Quiz

Points:

20%

1.\_\_\_\_\_\_\_\_ can be used in order to provide appropriate specifications that are needed to determine that the program functions as it should.

Requirements

**Objectives**

External specifications

Documentation

2.In most cases, you will treat function testing as a black-box activity.

**True**

False

3.A \_\_\_\_\_\_ test is used in order to determine if external specifications and an application are not in alignment.

module

function

**higher-order**

system

4.\_\_\_\_\_\_\_\_ are used in order to provide an understanding of appropriate specifications of a program.

**Requirements**

Objectives

External specifications

Documentation

5.\_\_\_\_\_\_ must be understood in order to derive appropriate test cases for a function test.

Requirements

**Objectives**

External specifications

Documentation

6.A \_\_\_\_\_\_ test is used in order to determine if the objectives of an application are not met within the finish program.

module

function

higher-order

**system**

7.\_\_\_\_\_\_\_\_ provides appropriate details associated with the construction of a program and other specifics needed for execution.

Requirements

Objectives

**External specifications**

Documentation

8.A \_\_\_\_\_\_ test is used in order to identify appropriate differences in an applications modules that are not in alignment with interface specifications.

**module**

function

higher-order

system

9.\_\_\_\_\_\_\_\_ are used in order to provide a representation of a program to users that are specific and accurate.

Requirements

Objectives

**External specifications**

Documentation

10.In function testing, the test cases can be derived from appropriate requirements provided for the application.

**True**

False

C857 Debugging Testing Quiz

1.What are the three categories that are used to classify appropriate brute-force methods

Debugging with classification

**Debugging with a storage dump**

**Debugging according to the common suggestion to "scatter print statements throughout your program."**

**Debugging with automated debugging tools.**  
  
2.Debugging by \_\_\_\_\_\_ is used to debug based on the process of elimination.

induction

**deduction**

backtracking

testing

3.\_\_\_\_\_\_\_\_ can be seen as one of the most inefficient methods for brute-force debugging.

Debugging with classification

**Debugging with a storage dump**

Debugging according to the common suggestion to "scatter print statements throughout your program."

Debugging with automated debugging tools.

4.Debugging by \_\_\_\_\_\_ focuses on the use of appropriate test cases.

induction

deduction

backtracking

**testing**

5.What can be seen as one of the problems associated with brute-force debugging methods?

Requirements are ignored

**the concept of thinking is ignored**

various debugging strategies are ignored

Documentation is ignored

6.Debugging by \_\_\_\_\_\_ focuses on stepping back through an appropriate program to find errors.

**induction**

deduction

backtracking

testing

7.Debugging by \_\_\_\_\_\_ makes use of variants of an original test case in order to identify appropriate errors in an application.

induction

deduction

backtracking

**testing**

8.Debugging by \_\_\_\_\_\_ is used to debug based on understanding the complete situation of a problem.

**induction**

deduction

backtracking

testing

C857 Testing Fundamentals Quiz

Hi, Uri. When you submit this form, the owner will see your name and email address.

1.What is an accurate and complete definition for "Testing"?

the process of demonstrating that errors are not present

showing that a program performs its intended functions correctly.

establishing confidence that a program does what it is supposed to do

**the process of executing a program with the intent of finding errors**

2.A successful test case should ensure that a program accomplishes its goals and \_\_\_\_\_\_ actions that are not intended.

**minimizes**

avoids

corrects

refines

3.Software testing can be used to ensure that an application functions in the correct manner?

True

**False**

4.Finding errors in a software application should be a chief goal of software testing.

**True**

False

5.\_\_\_\_\_\_ testing is designed based on the specifications and goals of the application.

White-Box

**Black-Box**

Unit

System

6.\_\_\_\_\_\_\_\_\_ testing is based on an understanding of a program's or applications logic.

**White-Box**

Black-Box

Unit

System

7.An exhaustive path test can be used to identify intrinsic errors in a software application

True

**False**

8.It is recommended that software testing be completed by a programmer who did not write the original program.

**True**

False

9.What are the two key components that should be included in a test case?

**A description of the input data to the program**

A input data file for execution

**A description of the correct output of the program for input data**

Data processing information for the program

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C857 Best Practices Quiz

1.What is the CMMI?

A testing platform

An application to help programmers develop code

**A framework to organize resources**

An application to track bugs

2.Which of the following is not a way to prioritize bugs?

By using a matrix

**By the severity of the bugs**

Based on the milestone goals

3.What are some features to consider when choosing a bug base?

**The ease of use**

**If it is configurable to what your team needs**

**The ease of recording the frequency that a bug occurs**

4.As a developer, what should you do if you don't have enough information about a bug?

Go to your manager and ask for more information

**Go to the creator of the bug record and ask for more information**

Investigate the bug with the information given

Write a report stating that the record is incomplete

5.When is a good time to start automating tests?

When you enter the testing phase of the project

**When you think you don't want anything to change**

Before the coding phase of a project

As the coding phase is in progress

6.Why should programmers use code-level tools?

To decrease the time spent coding

**To make it easier to collaborate with colleagues**

To make it easier to coordinate with the client