Answer Submitted.
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varunkaranam84@gmail.com ⌄

NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Software Testing (course)

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Course outline

About NPTEL ()

How does an NPTEL online course work? ()

Week 0 ()

○ **Practice: Week 0 : Assignment 0 (assessment? name=211)**

Week 1 ()

Week 2 ()

Week 3 ()

Week 4 ()

Week 5 ()

Week 6 ()

Week 0 : Assignment 0

Assignment not submitted

Note : This assignment is only for practice purpose and it will not be counted towards the Final score

Note: This is assignment 0, an assignment that you can use to self evaluate your interests and knowledge in the area of Software Testing. It is not mandatory to answer this assignment and this assignment will not be used for computing the final grade. All material in this assignment will be taught in the course, so there is no need to worry if you don't know some of it.

1) State true or false: If testing is done well, all errors in software can be found.   ***1 point***

○ True

◉ False

Yes, the answer is correct.
Score: 1

Accepted Answers:
False

2) State true or false: In the waterfall model for software development, there is always ***1 point*** a separate testing phase after coding but, in agile

software development testing is completed in the same iteration as programming.

◉ True

○ False

Yes, the answer is correct.
Score: 1

Accepted Answers:
True

3) Which of the following best corresponds white box testing?   **1 point**

- ● Testing done using building blocks of code, based on its structure.
- ○ Testing done to check if code satisfies requirements.
- ○ Testing done by customers after release.
- ○ Testing done by developers for de-bugging.

Yes, the answer is correct.
Score: 1

Accepted Answers:
Testing done using building blocks of code, based on its structure.

4) What is regression testing?   **1 point**

- ○ Testing done on the entire code each time a part of it is modified.
- ○ Testing done on the entire code after release, for each modification.
- ● Testing done each time code is modified to ensure that the newly added code works as expected along with the existing code.
- ○ Testing done by customer on the newly added features in the code.

Yes, the answer is correct.
Score: 1

Accepted Answers:
Testing done each time code is modified to ensure that the newly added code works as expected along with the existing code.

5) State true or false: Testing can be done fully by tools.   **1 point**

- ○ True
- ● False

Yes, the answer is correct.
Score: 1

Accepted Answers:
False

6) What kinds of graphs are used in testing?   **1 point**

- ○ Graphs with nodes representing blocks of code and edges representing execution of code.
- ○ State diagrams in UML.
- ○ Graphs representing procedures or functions and they calling or returning other procedures or functions.
- ● All of the above.

Yes, the answer is correct.
Score: 1

Accepted Answers:
All of the above.

7) Relational and logical expressions are used to test which elements of code below? **1 point**

- ● They are used to test decision statements like `if-then-else, switch-ca`
`while, for` etc.

○ They are used to check if requirements are met.

○ They are used to check if loops terminate.

○ They are used to check if the logic behind code is correct.

Yes, the answer is correct.
Score: 1

Accepted Answers:
They are used to test decision statements like `if-then-else, switch-case, while, for` *etc.*

8) Suppose a web application is tested by increasing the number of users to more than the maximum number possible, what kind of testing does this represent?   *1 point*

○ Performance testing.

● Stress testing.

○ System testing.

○ Acceptance testing.

Yes, the answer is correct.
Score: 1

Accepted Answers:
Stress testing.

9) State true or false: Testing techniques used for system level testing of gaming applications can also be used for system level testing of web applications.   *1 point*

○ True

● False

Yes, the answer is correct.
Score: 1

Accepted Answers:
False

10) State true or false: In test driven development, test cases are written first and then code is written to meet the test cases.   *1 point*

● True

○ False

Yes, the answer is correct.
Score: 1

Accepted Answers:
True

| Check Answers and Submit |

Your score is: 10/10