Certified Tester Foundation Level - 2018 Syllabus

1. Which of the following is NOT a factor on which test estimation is dependent upon?

A. Defect debugging and resolution

B. The outcome of testing of previous test cycle

C. Characteristics of the development process

D. Characteristics of the product

Answer(s): A

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2. Which of the following errors CANNOT be found with structure-based testing techniques?

A. Memory is leaking

B. Features are only partially implemented

C. Data structures that are used before initialization

D. Division by zero

Answer(s): A

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3. Testing should provide sufficient information to stakeholders to make informed decisions about the release of the software or system being tested. At which of the following fundamental test process activity the sufficiency of the testing and the resulting information are assessed?

A. Implementation and execution

B. Requirements specification

C. Evaluating exit criteria and reporting.

D. Analysis and design

Answer(s): C

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4. The following sentences refer to the Standard for Software Test Documentation' specification (IEEE 829). Which sentence is correct?

A. The key to high quality test documentation regimes is strict adherence to this standard

B. Any deviation from this standard should be approved by management, marketing & development

C. This test plan outline is relevant for military projects For consumer market projects there is a different specification with fewer items

D. Most test documentation regimes follow this spec to some degree, with changes done to fit a specific situation or organization

Answer(s): A

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5. "Statement Testing" is part of;

A. Experience based testing

B. Decision Testing

C. Specification Based testing

D. Structured based testing

Answer(s): D

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6. Where and by whom is Beta testing normally performed?

A. By customers or potential customers at their own locations

B. By an independent test team at the developing organization's location

C. At the developing organization's site, but not by the developing team

D. By customers or potential customers at the developing organization's site

Answer(s): A

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7. What does the term Pesticide paradox' refer to?

A. The phenomena where a piece of code that has a lot of bugs is likely to have more hidden, yet unfound

B. The decreasing efficiency of debugging when done in code that has many bugs

C. Reduced effectiveness of test cases that are repeated and focused on the same scenarios

D. The redundancy of testing the same objects in both black and white box techniques

Answer(s): C

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8. Which of the following tool types is the most useful one for a test manager?

A. Modeling tool

B. Static analysis tool

C. Coverage measurement tool

D. Defect tracking tool

Answer(s): C

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9. In foundation level syllabus you will find the main basic principles of testing, which of the following sentences describes one of these basic principles?

A. Complete testing of software is attainable if you have enough resources and test tools

B. For a software system, it is not possible under normal conditions, to test all input and output combinations.

C. A goal of testing is to show that the software is defect free

D. With automated testing you can make statements with more confidence about the quality of a product than with manual testing.

Answer(s): B

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10. Which of the following statements about decision tables are TRUE?
I) Generally, decision tables are generated for low risk test items
II) Test cases derived from decision tables can be used for component tests.
III) Several test cases can be selected for each column of the decision table.
IV) The conditions in the decision table represent negative tests generally.

A. I, III

B. II, III

C. II, IV

D. I, IV

Answer(s): C

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11. Which of the following test techniques is structure-based?

A. Control flow testing

B. Use case testing

C. State transition testing

D. Decision table testing

Answer(s): D

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12. Once a bug is fixed, it should be retested. What is the term used to define this type of testing?

A. Reliability Testing

B. Confirmation Testing

C. Maintainability Testing

D. Regression Testing

Answer(s): B

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13. Which of the following statements is true?

A. Incident management tools are used by testers only

B. A configuration management tool has nothing to do with testing

C. Test management tools are used by managers only

D. A requirements management tool may be considered as test support tool

Answer(s): A

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14. Which of the following is an example of black-box dynamic testing?

A. Code inspection

B. Checking memory leaks for a program by executing it

C. Functional Testing

D. Coverage analysis

Answer(s): C

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15. Which of the following is a task of the Test Analysis and Design activity of the test process?

A. Measuring the percentage of prepared test cases with what was actually prepared

B. Identifying necessary test data to support the test conditions and test cases

C. Verifying that the test environment has been set up correctly

D. Checking test logs against the exit criteria specified in test planning

Answer(s): A

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16. Given the following requirement:
Requirement ID. 2.8
Requirement Description Additional Entrance Fee
Detailed Description
An additional fee of $3 is charged during the weekend, but
1)Visitors aged under 7 are not charged.
2)Visitors aged 7 to 13 inclusive get a 20% discount off the additional fee.
3)Visitors greater than 65 get a 50% discount off the additional fee.
Age should be an integer of 0 or above
Weekend means Friday to Sunday inclusive.
Which of the following statements is NOT correct?

A. 7 and 13 are boundary values for the equivalence partition including age 10.

B. Thursday is a valid input boundary value

C. A minimum valid test cases are derived from boundary value analysis based on input age

D. $3.01 is a valid output boundary value

Answer(s): A

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17. Which statement about use case testing is true?

A. The test cases are designed to find defects in the data flow.

B. The test cases are designed to find defects in the process flow

C. The test cases are designed to be used by real users, not by professional testers

D. The test cases are always designed by customers or end users

Answer(s): B

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18. Which of the following is a correct set of boundary values to test the "Group Size" parameter, as defined by the following statement;
"In a reservation system for groups visiting a small museum, the graphical user interface presents a field asking the number of group members. Group size can be anywhere from 2 to 20 visitors"

A. 0,1,8,21,22

B. 0,1,2,3,10,19,20,21,22

C. 2,3,19,20

D. 1,2,20,21

Answer(s): C

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19. Which of the following is correct?

A. Intrusive test tools are tools that do not exhibit the probe-effect

B. Testing tools can be used by both developers and testers

C. Use of testing tools is effective only when done as part of a test automation system

D. Testing tools allow developers do testing Use of such tools changes the role of the test team

Answer(s): B

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20. The following test cases for a Library Management System are available to test changes made to the functions and data structures associated with borrowers:
1. Add a new borrower to the system
2. Update a borrower's data
3. Remove a borrower from the system
4. Loan a book to a borrower
5. Return a book from a borrower
6. Reserve a book for a borrower
7. Send "reservation ready" message to a borrower
Which of the following test sequences represents a possible use case? (a test sequence always start with test #1)

A. 1-4-2-7-5-6-3

B. 1-6-2-5-7-4-3

C. 1-6-4-7-5-3-2

D. 1-2-6-7-4-5-3

Answer(s): B