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QUESTION 1

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 aged 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 of 6 valid test cases are derived from boundary value analysis based on input age

D. \$3.01 is a valid output boundary value

Correct Answer: B

QUESTION 2

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

Correct Answer: B

QUESTION 3

Which of the following statements about software development models is most accurate? [K1]

A. The 4 stage V model is always the best choice of software development model for any project

- B. The agile development model is usually most appropriate for short projects
- C. The choice of software development model depends on product and project characteristics
- D. The 2 stage V model is the most appropriate development model for simple products

Correct Answer: C

QUESTION 4

What do you mean by "Having to say NO"..?

- A. No, the problem is not with testers
- B. No, the software is not ready for production
- C. Both a and b
- D. None of the above

Correct Answer: B

QUESTION 5

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

Correct Answer: C

QUESTION 6

Which of the following is the task of a Tester?

- i. Interaction with the Test Tool Vendor to identify best ways to leverage test tool on the project.
- ii. Prepare and acquire Test Data
- iii. Implement Tests on all test levels, execute and log the tests.
- iv.

Create the Test Specifications

A.

i, ii, iii is true and iv is false

B.

ii, iii, iv is true and i is false

C.

i is true and ii, iii, iv are false

D.

iii and iv is correct and i and ii are incorrect

Correct Answer: B

QUESTION 7

Which of the following is a Black Box test design technique?

A. Decision Coverage

B. Error Guessing

C. Statement Coverage

D. Equivalence Partitioning

Correct Answer: D

QUESTION 8

Which of the following correctly states a limitation in the use of static analysis tools? [K1]

A. Static analysis tools can be applied to new code but cannot be applied to existing code

B. Static analysis tools can be used to enforce coding standards

C. Static analysis tools always generate large numbers of warning messages when applied to new code, even if the code meets coding standards

D. Static analysis tools do not generate warning messages when applied to existing code

Correct Answer: B

QUESTION 9

Which of the following represents good testing practice for testers, irrespective of the software lifecycle model used?

A. They should start test analysis when the corresponding development level is complete

- B. They should be involved in reviewing requirements or user stories as soon as drafts are available
- C. They should ensure that the same test objectives apply to each test level
- D. They should minimize the ratio of development levels to test levels to reduce project costs

Correct Answer: D

QUESTION 10

Which type of automation test design is used in the example below?

An automation team designs an automation framework for testing of their web-based applications.

Realizing that they need to use different data for different test cycles, they decide not to hard-code any data in their scripts. Instead they read all the data from text files while test execution is in progress.

- A. Dynamic test design
- B. Data-driven
- C. Keyword-driven
- D. Data coverage analysis

Correct Answer: B

QUESTION 11

Consider the following pseudo code:

1.
Begin
2.
Input X, Y
3.
If $X > Y$
4.
 __Print (X, 'is greater than\ ', Y)
5.
Else
- 6.

__Print (Y, is greater than or equal to\\, X)

7.

Endlf

8.

End

What is the minimum number of test cases required to guarantee both 100% statement coverage and 100% decision coverage?

- A. Statement coverage = 3, Decision coverage = 3
- B. Statement coverage = 2, Decision coverage = 2
- C. Statement coverage = 1, Decision coverage = 2
- D. Statement coverage = 2, Decision coverage = 1

Correct Answer: B

QUESTION 12

Which of the following would you NOT expect to see on an incident report from test execution?

- A. The version(s) of the software under test
- B. The test execution schedule
- C. Expected results and actual results
- D. Precise steps to reproduce the problem

Correct Answer: B

QUESTION 13

A software application is supposed to calculate square root of all integers from 1 to 32767. The tester divides the input into valid and invalid equivalence classes. Valid equivalence class: 1-32767, invalid: all negative numbers, all numbers > 32767, all non-integers etc. However, when square root for all numbers in the valid equivalence class was calculated, it was found that for 3 number, the results were incorrect. These number were not the boundary values. Which of the following is correct?

- A. It is sometimes possible to find that some values in equivalence class do not behave in the same manner as rest of the class.
- B. The tester should always try all possible.
- C. It is practically impossible for values in an equivalence class to behave in different manner.
- D. The tester chose equivalence classes incorrectly.

Correct Answer: A

QUESTION 14

State	Events				
	A	B	C	D	E
S1	S2			S1	
S2		S3			
S3		S4	S2		
S4					S4

In the above State Table, which of the following represents an invalid transition?

- A. Event C from S3
- B. Event E from S4
- C. Event B from S2
- D. Event D from S4

Correct Answer: C

QUESTION 15

A company purchases a new system which deals with all financial transactions in the company. Which test types call for involvement of an expert from the financial department?

- A. Component testing
- B. Acceptance tests
- C. Maintenance testing
- D. System tests

Correct Answer: B

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