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Vendor:ISQI

Exam Code:CTFL-2018

Exam Name:Certified Tester Foundation Level
(CTFL-2018)

Version:Demo

QUESTION 1

Which one of the following statements about techniques for estimating test effort is correct?

- A. The metrics-based technique selects any former project and uses its original estimate for the current project.
- B. The expert-based approach is based on the experience of the owners of the testing tasks or by subject matter experts.
- C. The metrics-based technique uses the number of hours effort predicted by the current test team based on their experience.
- D. In an expert-based approach, the test lead with the most years in the role is chosen to produce the estimate.

Correct Answer: B

QUESTION 2

You have been asked to improve the way test automation tools are being used in your company. Which one of the following is the BEST approach?

- A. Selecting and automating scripts that test new functionality to find the most defects.
- B. Using a keyword-driven testing approach to separate the actions and data from the tool's script.
- C. Ensuring that all data, inputs and actions are stored in the tool's script for ease of maintenance.
- D. Keeping expected results separate from the automation tool to allow the testers to check the results.

Correct Answer: A

QUESTION 3

When comparing Static and Dynamic test techniques, which of the following statements is TRUE?

- A. Static Testing finds failures, whilst Dynamic Testing only finds the cause of failures.
- B. Static Testing techniques, such as reviews, can be undertaken before Dynamic Testing, making defects cheaper to remove.
- C. Static Testing is based on the execution of code, whilst Dynamic Testing relies on examination and analysis.
- D. Only Static Testing has the objective of identifying defects.

Correct Answer: B

QUESTION 4

Which two of the following events would represent triggers for maintenance testing? a) Upgrading the production system's database for the latest Oracle release.

b) Migrating tests from a spreadsheet to the new test management tool. c) An urgent fix to a new application before its initial release to production. d) Simplifying the requirements to make them easier to analyse and review. e) Retirement of a live application that no longer has business benefit.

A. a and d.

B. a and e.

C. c and d.

D. c and e.

Correct Answer: B

QUESTION 5

A supermarket rewards its customers with discounts on certain products depending on how much the customer spends over a twelve-month period. The discounts are:

5% discount – once £500 has been spent. 10% discount – once a further £500 has been spent. 15% discount – once a further £1000 has been spent. 20% discount – once a further £2000 has been spent.

The following test cases have been written: TC1 – £500 spent TC2 – £2000 spent

How many more test cases must be written to achieve 100% 2-point boundary value analysis for the discount scheme?

A. 4

B. 6

C. 7

D. 8

Correct Answer: B

QUESTION 6

Which of the following is a key difference between black box and white box test design techniques?

A. Black box techniques use software code to derive test cases, white box techniques do not.

- B. White box techniques use functional design specifications to derive test cases, black box techniques do not.
- C. White box techniques can measure the extent of code coverage, black box techniques can not.
- D. White box techniques derive test cases from models of the software, black box techniques do not.

Correct Answer: C

QUESTION 7

Which of the following is an approach that can be used for exploratory testing?

- A. Time-boxed test sessions are created, during which a tester uses a test charter containing test objectives to guide the testing.
- B. A tester methodically executes tests from a list of possible failures, based on experience, defect and failure data.
- C. A tester analyses, designs and implements tests based on external rules and standards.
- D. Tests are designed based on the guidance of stakeholders and experts outside the test team.

Correct Answer: D

QUESTION 8

Which of the following BEST describes a methodical approach to the Error Guessing test technique?

- A. A tester dynamically designs and executes tests based on their knowledge, to learn more about the system and to create tests for the areas that may need more testing.
- B. An experienced tester makes a list of potential defects and failures, based on experience and past defect data. Then designs and runs tests to generate these failures should the defects be present in the code.
- C. A tester designs, implements and executes tests to cover test conditions found in checklists that are based on what is important for the user.
- D. An inexperienced tester is asked to attempt to guess errors that may have been missed by experienced testers during formal test design.

Correct Answer: A

QUESTION 9

Which of the following apply to System Testing?

- a) May satisfy legal requirements.
- b) Can use system specifications as a test basis.
- c) Often the responsibility of business users.
- d) Main goal is to establish confidence.
- e) Should focus on the communication between systems.

A. a and c.

B. b and d.

C. a and b.

D. c and e.

Correct Answer: B

QUESTION 10

Which of the following are product risks?

- a) Failure prone software delivered.
- b) Software does not perform its intended functions.
- c) Insufficient staff available for testing.
- d) Test environment not ready on time.
- e) Poor data integrity and quality.

A. b, c and e.

B. b, d and e.

C. a, b and e.

D. b, c and d.

Correct Answer: C

QUESTION 11

Testing effort can depend on a number of factors, which one of the following is MOST likely to impact the amount of effort required?

- A. The predicted number of defects and the amount of rework required.

- B. The ratio of developers to testers in the project team.
- C. The planned use of a project management tool to schedule tasks.
- D. The responsibilities for testers and developers being clearly defined.

Correct Answer: C

QUESTION 12

The following checklist has been produced to help reviewers detect defects with user stories:

Use Story Checklist:

- The user story must have a unique identifier.
- The user story must contain the user/customer.
- The user story must contain the need.
- The user story must contain the reason.
- The user story must contain testable acceptance criteria.

Using the checklist above what is wrong with the following user story?

User story: US2018

As a bank account customer, I would like to transfer money from one account to another using the mobile banking application by using the drag and drop feature.

This is acceptable when:

- I can drag and drop from one account to another and select any of the pre-defined amounts.
- I can drag and drop from one account to another and type in any positive amount.
- Once I confirm the details the amount is debited from the first account and credited to the second account.

- A. The acceptance criteria are not testable.
- B. The user story does not contain the customer.
- C. The user story does not contain the reason.
- D. The user story does not contain the unique identifier.

Correct Answer: A