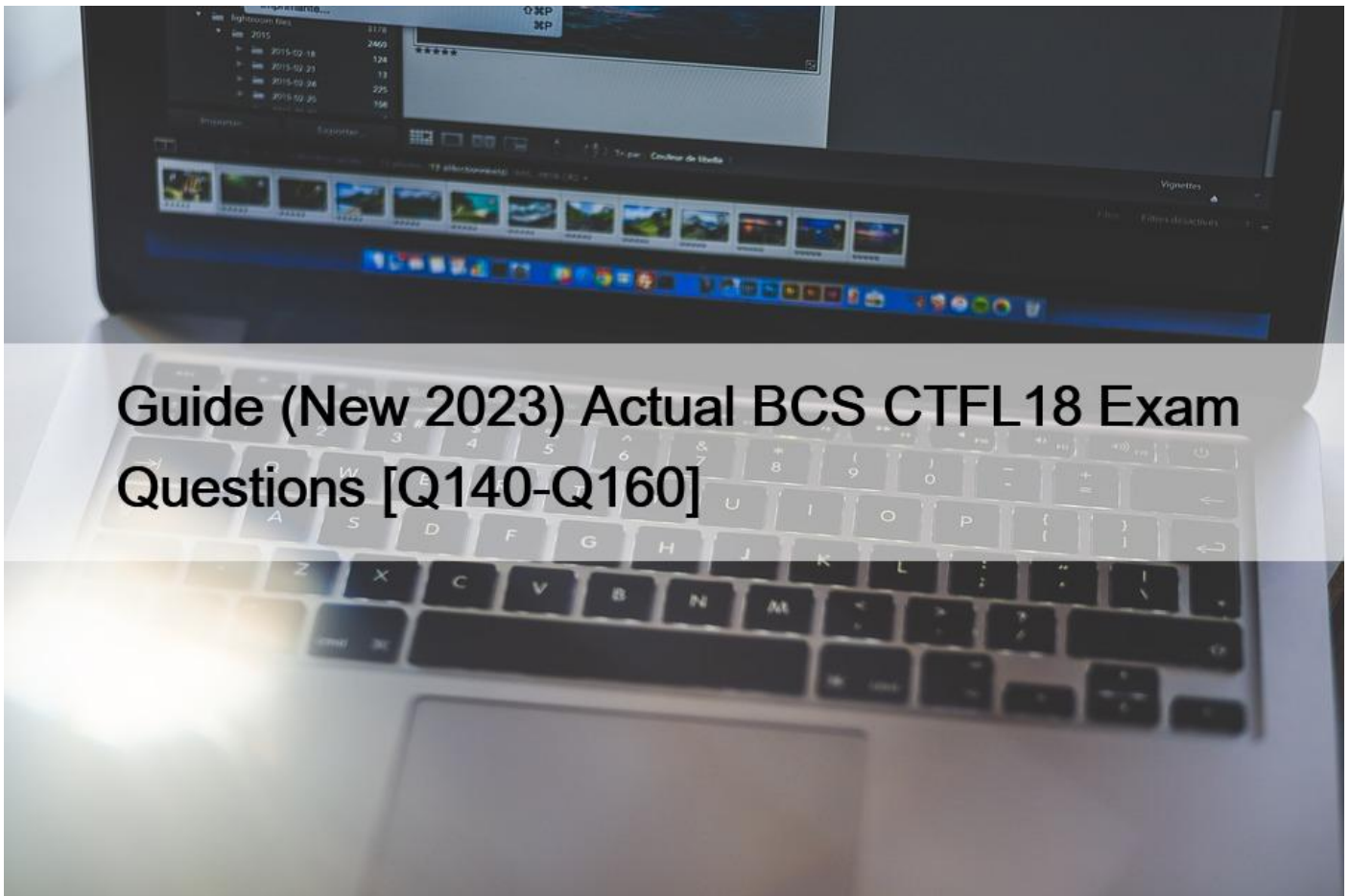


Guide (New 2023) Actual BCS CTFL18 Exam Questions [Q140-Q160]



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CTFL18 Exam Dumps Pass with Updated 2023 Certified Exam Questions

BCS CTFL18 certification is an excellent way for software testers to establish their credibility and expertise in the field. ISTQB Certified Tester Foundation Level 2018 certification is recognized globally, and passing the exam can open up new opportunities for software testers. ISTQB Certified Tester Foundation Level 2018 certification is also an excellent way for software testers to enhance their knowledge and skills, and it can help them stay updated with the latest trends and technologies in software testing.

Q140. What is the order in which the specifications for test cases, test conditions and test procedures are developed as a part of the test development process?

- * Test Procedure –> Test Condition -> Test Case
- * Test Condition –> Test Case –> Test Procedure
- * Test Procedure -> Test Case -> Test Condition
- * Test Condition –> Test Procedure –> Test Case

Q141. Which of the following are part of ISTQB code of ethics?

I. Certified software testers shall advance the integrity and reputation of the profession consistent with the public interest.

II. Certified software testers shall always sign a NDA (Non-Disclosure Agreement) in presence of customer data III. Certified software testers shall maintain integrity and independency in their professional judgment IV. Certified software testers shall act in a manner that is in the best interests of their client and employer, consistent with the public interest

- * I, II, III
- * II, III, IV
- * I, II, IV
- * I, III, IV

Q142. The cost of fixing a fault:

- * Is not important
- * Increases as we move the product towards live use
- * Decreases as we move the product towards live use
- * Is more expensive if found in requirements than functional design
- * Can never be determined

Q143. What do static analysis tools analyze?

- * Design
- * Test cases
- * Requirements
- * Program code

Q144. Why is it difficult to succeed in test execution automation?

- * Because only some testers are skilled in test automation
- * Because the test automation needs to be supported by a test management tool.
- * Because of the effort associated with maintenance of the test scripts
- * Because the test automation tools are restricted in their ability to recognize outputs.

Q145. Testing and Debugging are key activities in the software development lifecycle.

Which of the following are DEBUGGING activities?

- a) Designing tests to find failures.
 - b) Locating the cause of failures.
 - c) Analysing and fixing the defects.
 - d) Executing tests to show failures.
- * a and d.
 - * a and b.
 - * b and c.
 - * c and d.

Q146. Which of the following statements about static analysis are FALSE?

I. Static analysis can be used instead of dynamic testing.

II. Static analysis can uncover defects like security vulnerabilities.

III. Static analysis can be used to check conformance to specifications and standards.

IV. Static analysis typically detects failures prior to component testing.

- * II, III
- * I, IV
- * I, II
- * III, IV

Q147. What is the ideal number of regression test cycles?

- * As many as time and budget allow
- * 2
- * 1
- * Until the quality requirements are met

Q148. Which of the following statements contradicts the general principles of testing?

- * If new defects are to be found, we should run the same test set more often.
- * How testing is done, is based on the situation in a particular project.
- * Testing is better if it starts at the beginning of a project.
- * Most defects are found in a small subset of a system's modules.

Q149. A web application for calculation of mortgage loan has 3 input fields:

1. Civil status: Married / Not married
2. Equity: 0 – 100,000 EUR, 100,001 – 500,000 EUR, more than 500,000 EUR
3. Requested amount of the loan: 0 – 100,000 EUR, 100,001 – 500,000 EUR, 500,001 – 800,000 EUR In addition, 2 different loan types can be chosen.

The application has to be tested for 2 web browsers.

How many test cases are necessary to cover all possible combinations in equivalence class testing?

- * 32
- * 36
- * 72
- * 64

Q150. When testing a mission critical system, a high coverage should be achieved. Which of the following techniques should be implemented as a structural based coverage technique in order to achieve the highest coverage?

- * multiple condition coverage
- * decision table
- * use case testing
- * statement coverage

Q151. Which of the following defect types are LEAST likely to be discovered when using static analysis tools?

- * Variables that are never used
- * Coding standard violations
- * Memory leaks

* Uncalled functions and procedures

Q152. Refer to the exhibit, the Cambrian Pullman Express has special ticketing requirements represented by the partial decision table below.

Conditions	Rule 1	Rule 2	Rule 3	Rule 4	Rule 5	Rule 6
First Class ticket	Y	N	N	N	Y	N
Std Class Flexible ticket	N	Y	N	N	N	Y
Std Class Day Return	N	N	Y	N	N	N
Std Class Super Saver	N	N	N	Y	N	N
Railcard holder	N	N	N	N	Y	Y
Actions						
OK to travel	Y	N	N	N	Y	N
Eligible for upgrade	N	Y	N	N	N	Y
Concessionary fare	N	N	N	N	Y	Y

Carol has a student railcard and is travelling on a Flexible Standard Class ticket. James has a senior railcard and is travelling on a super saver ticket. Which of the options represents the correct actions for these two test cases?

- * Carol is eligible to upgrade; James cannot use the service
- * Carol is OK to travel; James is eligible for an upgrade
- * Carol and James are both eligible to upgrade
- * Carol is OK to travel; James cannot use the service

Q153. Which of the following BEST describes a methodical approach to the Error Guessing test technique?

- * A tester dynamically designs and executes tests based on their knowledge, exploration of the test item and the results of previous tests.
- * An experienced tester makes a list of potential defects and failures, and designs and runs tests to generate these failures should the defects be present in the code.
- * A tester designs, implements and executes tests to cover test conditions found in checklists that are based on what is important for the user.
- * An inexperienced tester is asked to attempt to guess errors that may have been missed by experienced testers during formal test design.

Q154. Which of the following is a factor that could negatively influence the success of the deployment of a tool within an organization?

- * Introducing the tool to all the test teams of the organization at the same time
- * Collecting usage information of the tool from the early projects
- * Providing training and coaching for new users of the tool
- * Adapting and improving the processes to the usage of the tool

Q155. A company wants to enforce use of coding standards.

Which type of test tool would you recommend for this purpose?

- * Test execution tool
- * Modeling tool
- * Configuration management tool

* Static analysis tool

Q156. Which of the following statements describes a key principle of software testing?

- * Automated tests allow better statements of confidence about the quality of software products.
- * For a software system, it is normally impossible to test all the input and output combinations.
- * Exhaustive software testing is, with enough effort and tool support, feasible for all software.
- * The purpose of software testing is demonstrating the absence of defects in software products.

Q157. Which of the following would be the most significant input to estimating the time to carry out the specified testing tasks?

- * The skills and experience of developers to correct the failures.
- * The standards used for the requirements specification.
- * The metrics recorded from testing the capture-replay tool.
- * The number of testers in the company and their grade.

Q158. Which of the following is NOT a deciding factor in determining the extent of testing required?

- * Budget to do testing
- * A particular tester involved in testing
- * Level of risk of the product or features
- * Time available to do testing

Q159. For the on-line portal a test will be planned that will focus on suitability. Which technique is most appropriate to use for the suitability test?

- * Use Cases
- * Equivalence Partitioning and Boundary Value Analysis
- * State Transition Testing
- * Pairwise Testing

Q160. Which of the following DOES NOT describe component testing?

- * Component testing tests interfaces between modules and interactions of different parts of a system.
- * Component testing occurs with access to the code being tested and with the support of a development environment, such as a unit test framework or debugging tool
- * Component testing verifies the functioning of software modules, programs, objects, classes, etc.

that are separately testable.

- * In component testing stubs, drivers and simulators may be usefully utilized to facilitate tester activity

The BCS CTFL18 exam covers the fundamentals of software testing and includes topics such as test design techniques, test management, and test process improvement. CTFL18 exam also covers various testing types such as functional testing, non-functional testing, and structural testing.

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