

Free ISTQB CTFL-2018 Exam 2022 Practice Materials Collection [Q10-Q28]



Free ISTQB CTFL-2018 Exam 2022 Practice Materials Collection CTFL-2018 Exam Info and Free Practice Test All-in-One Exam Guide Aug-2022

Study Books for CTFL 2018 Exam

Any of the materials observed below will give you a complete look into the objectives of the exam. Choose the most suitable one or use several of them for a better understanding of the topics.

Foundations of Software by Rex Black, Eric van Veenendaal, and Dorothy Graham This guide is essential for not just CTFL 2018 but your career in software testing as a whole. This up-to-date book is a comprehensive reflection of the latest changes made to the syllabus of the Foundation exam. Its practical approach, which also happens to be hands-on, covers the core concepts that every software or system tester needs to be aware of. Moreover, using this resource, the readers will face original and relevant sample exam questions, practice test with comprehensive explanations to answers, and exercises covering the test techniques in addition to their detailed solutions. **Software Testing Foundation Guide by Brian Hambling and others** This amazing book is one of the best-sellers among materials for CTFL 2018 exam preparation. It is an official guide prepared by ISTQB and thus can offer you exactly what you need to pass the test. Inside are examples as well as exercises that reflect today's technology in addition to applications. It is the ideal guide for those who have some bit of software testing experience and aims at cementing their knowledge of the industry. Candidates will come across an extensive syllabus coverage, which brings out the theory and techniques that are recognized well in the sphere of software testing. **A Study Guide to the ISTQB Foundation Level 2018 Syllabus by Adam Roman** This guide is excellent for those seeking complete readiness for CTFL 2018 test as it ensures effective learning. Its content is

up-to-date and covers the latest exam syllabus. The book is of high quality and includes original questions that are relevant to modern aspects of software testing as seen in the objectives. It includes sample questions that go according to the content of the exam and the explanations to answers that are provided in detail. The questions are diverse as they are sourced from varied mock exams. Finally, the bonus chapters with in-depth information about the black-box as well as white-box test strategies are added. **A Self-Study Guide for the ISTQB CTFL 2018 Syllabus** The material written by Chhavi Raj Dosaj covers the newest topics included in CTFL exam in an easy-to-understand manner. It presents thorough coverage of the syllabus and reviews the concepts in a deeper manner. With helpful learning aids, the book is enhanced to ensure you are going to be successful in the test. It includes six chapters, with each divided into sections that directly map into the objectives and business outcomes of the exam as derived from its outline. In each module, a candidate gets access to examples and exercises. Finally, there are quizzes that include a comprehensive explanation of the answers.

Q10. 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.

Q11. Which option BEST describes how the level of risk is determined?

- * The likelihood of an adverse event happening multiplied by the cost of preventing it.
- * The consequences of potential problem multiplied by the cost of possible legal action.
- * The impact of an adverse event multiplied by the likelihood of that event occurring.
- * The likelihood and the probability of a hazard occurring.

Q12. A student needs to score at least 50 points to pass. If they score at least 100 points they will achieve a merit and if they score at least 150 points they will achieve a distinction.

Which two values are in the same partition?

- * 45 and 55.
- * 55 and 120.
- * 50 and 60.
- * 45 and 170.

Explanation

Q13. 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?

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

Explanation/Reference:

Q14. You are performing a review of your colleague's test cases based on the following test basis document:

User Login

User Name

Password

Validation failure #	Field Name	Validation rule	Error Number for validation failure
V1	User Name	Mandatory	12
V2	User Name	Must already exist on database	23
V3	Password	Mandatory	13
V4	Password	Must match user's password on database	24

The Test Cases are as follows:

TC1. Success ; valid ;User Name; and ;Password; Customer Menu displayed
TC2. Failure ; ;User Name; field has blank entry; Error Number 12 displayed
TC3. Failure ; ;User Id; entered does not exist on database (i.e. unregistered user); Error Number 23 displayed
TC4. Failure ; ;Password; entered does not match user's password on database; Error Number 24 displayed
You are guided by the following checklist in your review:

C1. There must be one test case to cover success

C2. There must be one test case for each error path (e.g. validation failure)
C3. Each test case must use terminology consistent with the test basis document (field names, error numbering, etc.)
Record a separate defect for each missing test case (checklist items C1 and C2) and for each test case that does not meet checklist item C3.

How many defects should you record?

- * 1.
- * 2.
- * 3.
- * 4.

Q15. Which statement about deriving test cases from a use case is TRUE?

- * Test cases are designed to exercise the defined behaviours.
- * There should only be one test case for each use case.

- * Test cases can only be derived if there is an activity diagram.
- * It is not possible to measure use case test coverage.

Q16. 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.
- * b, c and e.
 - * b, d and e.
 - * a, b and e.
 - * b, c and d.

Q17. Given the following decision tables, what is the expected result for the test case listed below?

	Rule 1	Rule 2	Rule 3	Rule 4
Condition				
< 10 kg	True	True	False	False
< £10	True	False	True	False
Action				
Must pay in cash only	True	False	True	False
Free delivery	False	False	True	True

Test Case: Purchase a Toaster weighing 9kg for E10.

- * No need to pay in cash, no free delivery.
- * Must pay in cash, no free delivery.
- * No need to pay in cash, free delivery.
- * Must pay in cash, free delivery.

Q18. Which of the following is an approach that can be used for exploratory testing?

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

Q19. You are performing a review of your colleague's test cases based on the following test basis document:

User Login

User Name

Password

Validation failure #	Field Name	Validation rule	Error Number for validation failure
V1	User Name	Mandatory	12
V2	User Name	Must already exist on database	23
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The Test Cases are as follows:

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 You are guided by the following checklist in your review:

C1. There must be one test case to cover success

C2. There must be one test case for each error path (e.g. validation failure)
 C3. Each test case must use terminology consistent with the test basis document (field names, error numbering, etc.)
 Record a separate defect for each missing test case (checklist items C1 and C2) and for each test case that does not meet checklist item C3.

How many defects should you record?

- * 1.
- * 2.
- * 3.
- * 4.

Q20. Which one of the following statements about techniques for estimating test effort is correct?

- * The metrics-based technique finds the most similar former project and uses its original estimate for the current project.
- * The expert-based approach is based on the experience of the owners of the testing tasks or by subject matter experts.
- * The metrics-based technique uses metrics supplied by the current test team based on their subjective feel for effort required.
- * In an expert-based approach, the test lead with the most years in the role is chosen to produce the estimate.

Q21. Which of the following would NOT typically be covered in a test summary report?

- * The risks associated with unresolved defects found during testing.
- * Any features of the system that were not tested along with reasons.
- * Whether there is any economic benefit in continuing testing beyond the planned date.
- * An analysis of lessons learned to determine changes for future projects.

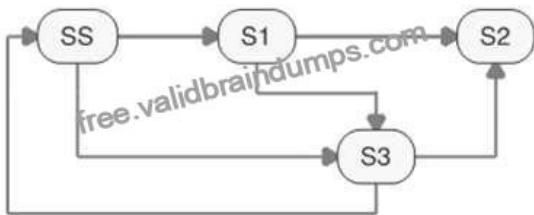
Q22. A car insurance policy has 3 rates of insurance depending on the age of the driver. For drivers aged between

17 and 25 inclusive they are charged at rate A, drivers aged between 26 and 50 inclusive are charged at rate B and those drivers aged over 50 are charged at rate C.

You are designing test cases, which of the following three ages would test all valid equivalence partitions and therefore test rate A, B and C?

- * 26, 45, 50.
- * 10, 21, 55.
- * 20, 35, 65.
- * 17, 25, 50.

Q23. Given the following state transition diagram where SS is the start state:



Which of the following answers describes a test case that only uses valid transitions to exercise all states, using the minimum number of transitions?

- * SS-S3-SS-S1-S3-S2.
- * SS-S3-S2-S1.
- * SS-S1-S2-S3.
- * SS-S1-S3-S2.

Q24. Testing effort can depend on a number of factors, which one of the following is MOST likely to impact the amount of effort required?

- * The predicted number of defects and the amount of rework required.
- * The ratio of developers to testers in the project team.
- * The planned use of a project management tool to schedule tasks.
- * The responsibilities for testers and developers being clearly defined.

Q25. During the development of a software change for a system, the developer makes a mistake in his work, which leads to a fault in the code. Unfortunately, the fault is not found by software testing and is released into live.

What is the DEFINITE consequence of this mistake?

- * The system will fail, causing a defect.
- * If the defect is executed, the system may fail.
- * Loss of money, time, or business reputation.

* Contractual requirements have not been met by testing.

Q26. A holiday club restricts those booking the holiday, to people between the ages of 18 and 30 inclusive.

Using three-point boundary values, what ages would be required to test the lower and upper boundary?

- * 17, 18, 19, 29, 30, 31.
- * 17, 18, 19, 30, 31, 32.
- * 18, 19, 20, 28, 29, 30.
- * 16, 17, 18, 30, 31, 32.

Q27. After a record of poor quality software releases (incorrect menu selection options, new features that do not work, users allowed to change security levels without administrator rights), you have been asked to review the test capability in your company.

You have limited time to do the review before the next project, which type of testing would be MOST appropriate to review first?

- * Functional testing.
- * Non-functional testing.
- * Performance testing.
- * Structural testing.

Q28. 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?

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

Explanation/Reference:

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The ISTQB CTFL 2018 exam is for those who are newly embracing the software testing world. It covers the core aspects of the field that include the testing process, techniques, and principles, among the rest. By passing this test, individuals create a base for earning higher-level ISTQB certificates.

Conclusion

The journey towards a great software testing career must begin with a strong foundation. To create it, start with the ISTQB CTFL 2018 exam as it covers various practices associated with the industry such as DevOps, Agile, Waterfall, as well as Continuous Delivery. Thus, passing it to display your competency regarding the field, its best techniques, tools, and relevant theories is the best choice!

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