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**Trainer** \_\_\_\_\_

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## **Foundation Level Sample Exam**

**SET E (v1.2) – GTB edition –**

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**CTFL Syllabus Version v4.0**

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**ISTQB® Certified Tester Foundation Level**

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Translation and adaptation of the English Sample Exam of the International Software Testing Qualifications Board (ISTQB®), Original title: Certified Tester, Foundation Level Sample Exam Paper v3.1 and Sample Exam Paper v4.0.

## Revision History

Version	Date	Remarks
		Note: The present sample exam was mainly derived and further developed from previous Sample Exam questions on the ISTQB® CTFL syllabus 2018 (v3.1) and additional newly created questions.
0.1	10.10.2023	Internal BETA 01 DRAFT version
0.2	11.11.2023	Incorporation of the reviewers' findings into German version.
0.3	29.11.2023	Question 26 replaced as similar question is already included in Sample Exam SET A; v0.2 improved according to reported findings from 2 <sup>nd</sup> review.
0.4	29.02.2024	Findings from the review incorporated by 31.01.2024.
0.5	12.03.2024	Internal review and findings incorporated
0.6	27.03.2024	English version added
0.7	27.07.2024	Double questions eliminated
1.0	28.07.2024	Final GTB edition
1.1	30.10.2024	Correction of Q15, Q22, Q33
1.2	20.11.2024	Correction of questions 1, distractor a.); question 22, distractor b.; question 14, distractor a.); question 29, addition in question pool; question 36; distractor a.)

## Introduction

This is a sample exam. It helps candidates to prepare for the actual certification exam. Questions are included whose structure, layout and format are like a regular ISTQB®/ GTB Certified Tester Foundation Level exam. It is strictly forbidden to use the exam questions as content of a certification exam.

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- 4) Exactly one correct solution is expected for almost every question. The exceptions explicitly mention the possibility of multiple answers.

## Exam notes

Number of questions: 40

Duration of the exam: 60 minutes

Total score: 40 (one point per question)

Score to pass the exam: 26 (or more)

Percentage of passing the exam: 65% (or more)

**Feedback on this sample exam as a whole (40 questions) or on individual questions was provided in the German-language BETA versions of SET E in the period September – January 2024 by:**

Jörn Münzel (former GTB), Horst Pohlmann (GTB), Stephan Weissleder (GTB), Marc-Florian Wendland (GTB), Stephanie Ulrich (GTB), Matthias Hamburg (GTB), Helmut Pichler (ATB), Paul Müller (Software Quality Lab), Andre Baumann (imbus AG), Sabine Gschwandtner (imbus AG), Arne Becher (imbus AG), Christian Odenthal, Joachim Schulz (sepp.med) und Mario Winter (GTB).

Question 1	FL-1.1.1	K1	Score 1.0
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**Which of the following statements describes a typical test objective?**

**Select ONE option! (1 out of 4)**

a)	The test begins shortly before test object is released in order to find defects that would prevent acceptance.	<input type="checkbox"/>
b)	A validation, that the test object functions as expected by the various stakeholders.	<input type="checkbox"/>
c)	A demonstration, that all defects have been identified.	<input type="checkbox"/>
d)	A demonstration, that the remaining defects will not have negative impacts.	<input type="checkbox"/>

Question 2	FL-1.1.2	K2	Score 1.0
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**Which of the following statements best describes the difference between testing and debugging?**

**Select ONE option! (1 out of 4)**

a)	Testing identifies the cause of defects. Debugging analyzes the defects and suggests preventive measures.	<input type="checkbox"/>
b)	Dynamic testing reveals the failures caused by defects. Debugging analyzes and resolves the associated defect.	<input type="checkbox"/>
c)	Testing eliminates failures; while debugging eliminates defects that cause failures.	<input type="checkbox"/>
d)	Dynamic testing prevents the cause of failures. Debugging eliminates the failures.	<input type="checkbox"/>

<b>Question 3</b>	<b>FL-1.3.1</b>	<b>K2</b>	<b>Score</b>	<b>1.0</b>
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**A product owner says that your role as a tester on an Agile team is to catch all the bugs before the end of each iteration.**

**Which of the following is a testing principle that could be used to respond to this (false) statement?**

**Select ONE option! (1 out of 4)**

a)	Defect clustering	<input type="checkbox"/>
b)	Testing shows the presence of defects	<input type="checkbox"/>
c)	Absence of error fallacy	<input type="checkbox"/>
d)	Root cause analysis	<input type="checkbox"/>

<b>Question 4</b>	<b>FL-1.4.1</b>	<b>K2</b>	<b>Score</b>	<b>1.0</b>
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**Which of the following is an example of a task that can be carried out as part of the test implementation of the test process?**

**Select ONE option! (1 out of 4)**

a)	Analyzing a defect	<input type="checkbox"/>
b)	Designing test data	<input type="checkbox"/>
c)	Assigning a version to a test item	<input type="checkbox"/>
d)	Writing a user story	<input type="checkbox"/>

Question 5	FL-1.4.2	K2	Score	1.0
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**Which of the following statements is an example of a technical factor that influences the testing process?**

**Select ONE option! (1 out of 4)**

a)	The software is a web application that must work on various browsers.	<input type="checkbox"/>
b)	The software is intended for a financial services provider with strict security requirements.	<input type="checkbox"/>
c)	The software is developed using an agile methodology that requires short iterations and frequent releases.	<input type="checkbox"/>
d)	The software is tested by a team with varying competencies and experiences.	<input type="checkbox"/>

Frage 6	FL-1.4.5	K2	Score	1.0
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**Which of the following statements BEST describes the differences between the role of test management and the role of testing?**

**Select ONE option! (1 out of 4)**

a)	The role of test management primarily focuses on the activities of test analysis, test design, test realization, and test execution, while the role of testing assumes overall responsibility for the test process, the test team, and the management of test activities.	<input type="checkbox"/>
b)	The role of test management and the role of testing are identical and can be assumed by the same person simultaneously.	<input type="checkbox"/>
c)	The role of test management assumes overall responsibility for the test process, the test team, and the management of test activities, while the role of testing primarily focuses on the activities of test analysis, test design, test realization, and test execution.	<input type="checkbox"/>
d)	The role of test management and the role of testing have no specific tasks and can vary depending on the context.	<input type="checkbox"/>

<b>Question 7</b>	<b>FL-1.5.3</b>	<b>K2</b>	<b>Score 1.0</b>
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**During the discussion of a user story in an agile project, as a tester, you identify a contradiction in the interpretation of acceptance criteria of a user story between the Product Owner and the development team. You raise this contradiction.**

**Which of the following options describes an advantage of independent testing that becomes apparent in this situation?**

**Select ONE option! (1 out of 4)**

a)	Testers can recognize different types of failures and conditions.	<input type="checkbox"/>
b)	Testers can take primary responsibility for quality.	<input type="checkbox"/>
c)	Developers can trust that testers will ensure the desired quality of work results.	<input type="checkbox"/>
d)	Testers can question assumptions made by stakeholders.	<input type="checkbox"/>

<b>Question 8</b>	<b>FL-1.5.2</b>	<b>K1</b>	<b>Score 1.0</b>
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**Which of the following options BEST describes the responsibilities arising from the agile Whole-Team approach?**

**Select ONE option! (1 out of 4)**

a)	Testers are responsible for developing unit tests and pass them on to developers for execution.	<input type="checkbox"/>
b)	Business representatives are tasked with selecting the tools that the development team should use.	<input type="checkbox"/>
c)	Testers are expected to create test cases collaboratively with business representatives and the development team.	<input type="checkbox"/>
d)	Developers are expected to test non-functional requirements (performance, usability, security, etc.).	<input type="checkbox"/>

<b>Question 9</b>	<b>FL-2.1.2</b>	<b>K1</b>	<b>Score 1.0</b>
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**Which of the following statements describes a good practice for testing in all Software lifecycle models (SDLC)?**

**Select ONE option! (1 out of 4)**

a)	Test activities for a testing phase begin during the corresponding development phase.	<input type="checkbox"/>
b)	A testing phase in the software lifecycle model starts when the preceding testing phase is completed.	<input type="checkbox"/>
c)	Testing is considered as a separate phase. It begins when development is completed.	<input type="checkbox"/>
d)	Testing is added to development as an increment.	<input type="checkbox"/>

<b>Question 10</b>	<b>FL-2.1.3</b>	<b>K1</b>	<b>Score 1.0</b>
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**Which of the following described development approaches does NOT define testing as a driver of software development?**

**Select ONE option! (1 out of 4)**

a)	Tests are created first. Then the code is written	<input type="checkbox"/>
b)	Test cases drive the coding	<input type="checkbox"/>
c)	The desired behavior of an application is defined by test cases	<input type="checkbox"/>
d)	Tests are derived from acceptance criteria and partially automated	<input type="checkbox"/>



<b>Question 11</b>	<b>FL-2.1.5</b>	<b>K2</b>	<b>Score 1.0</b>
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**Which of the following statements BEST describes the Shift-Left approach in software development life cycle (SDLC) testing?**

**Select ONE option! (1 out of 4)**

a)	Test activities start as early as possible in the SDLC and are conducted in parallel with development activities.	<input type="checkbox"/>
b)	Test activities start as late as possible in the SDLC and are conducted after the development activities.	<input type="checkbox"/>
c)	Test activities start in the middle of the SDLC and are conducted in parallel with development activities.	<input type="checkbox"/>
d)	Test activities are distributed across multiple phases of the SDLC and conducted in each phase according to the maturity level of the product.	<input type="checkbox"/>

<b>Question 12</b>	<b>FL-2.1.1</b>	<b>K2</b>	<b>Score 1.0</b>
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**As a tester in a project following the iterative-incremental development model, which of the following statements should you consider to optimally integrate the testing activities?**

**Select exactly ONE correct option! (1 out of 4)**

a)	You plan testing as a one-time activity once all increments of the product have been implemented.	<input type="checkbox"/>
b)	Static tests should only take place at the component testing level to find as many code-related fault conditions early as possible.	<input type="checkbox"/>
c)	Since quick feedback on the quality of an increment is important, testers should ideally perform regression tests manually.	<input type="checkbox"/>
d)	Due to the delivery of new increments over various iterations, it is important to build comprehensive regression tests.	<input type="checkbox"/>

Question 13	FL-2.2.1	K2	Score 1.0
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**A test case has the following characteristics:**

- It is based on interface specifications.
- The focus is on finding failures in the interaction between components.
- Both functional and structure-based tests are applied.

**In which of the following test levels is this test case MOST LIKELY to be executed?**

**Select ONE option! (1 out of 4)**

a)	Component Integration Test	<input type="checkbox"/>
b)	Acceptance Test	<input type="checkbox"/>
c)	System Test	<input type="checkbox"/>
d)	Component Test	<input type="checkbox"/>

Question 14	FL-2.3.1	K2	Score 1.0
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Which of the following options is NOT a trigger for maintenance and maintenance testing?

Select ONE option! (1 out of 4)

a)	Decommissioning	<input type="checkbox"/>
b)	Corrective changes or hotfixes	<input type="checkbox"/>
c)	Upgrades or migrations of the operating environment	<input type="checkbox"/>
d)	Implementation of new features	<input type="checkbox"/>

Question 15	FL-3.1.2	K2	Score 1.0
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Which of the following statements is MOST true about static testing?

Select ONE option! (1 out of 4)

a)	Static testing is a cheap way to detect defects	<input type="checkbox"/>
b)	Static testing makes dynamic testing less challenging	<input type="checkbox"/>
c)	Static testing makes it possible to find run-time problems early in the lifecycle	<input type="checkbox"/>
d)	When testing safety-critical system, static testing has less value because dynamic testing finds the defects better	<input type="checkbox"/>

<b>Question 16</b>	<b>FL-3.2.1</b>	<b>K1</b>	<b>Score 1.0</b>
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**Which of the following statements does NOT describe an advantage of early and frequent stakeholder feedback?**

**Select ONE option! (1 out of 4)**

a)	Frequent stakeholder feedback helps to understand and implement changes to requirements earlier.	<input type="checkbox"/>
b)	Frequent stakeholder feedback helps the development team better understand what they are developing.	<input type="checkbox"/>
c)	Frequent stakeholder feedback helps the development team focus on the features that bring the most value.	<input type="checkbox"/>
d)	Frequent stakeholder feedback can lead to misunderstandings about requirements.	<input type="checkbox"/>

<b>Question 17</b>	<b>FL-3.2.4</b>	<b>K2</b>	<b>Score 1.0</b>
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**Which of the review types listed below is BEST suited when the review is to be conducted in accordance with the full general review process and with the aim of finding as many anomalies as possible?**

**Select ONE option! (1 out of 4)**

a)	Informal Review	<input type="checkbox"/>
b)	Technical Review	<input type="checkbox"/>
c)	Inspection	<input type="checkbox"/>
d)	Walkthrough	<input type="checkbox"/>

Question 18	FL-3.2.5	K1	Score 1.0
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During a phase of intense project overtime, an extensive system architecture specification is sent to various project participants, along with additional information and the announcement of a technical review in three days. The technical review was not originally scheduled. No further adjustments are made to the assigned tasks of the project participants who are to act as reviewers during the technical review.

Based on the information provided, which of the following success factors for reviews is missing, based solely on the information given?

Select ONE option! (1 out of 4)

a)	Appropriate type of review	<input type="checkbox"/>
b)	Sufficient time for preparation	<input type="checkbox"/>
c)	Setting clear goals and measurable end criteria	<input type="checkbox"/>
d)	Well-led review session	<input type="checkbox"/>

Question 19	FL-4.1.1	K2	Score 1.0
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**Before an iteration planning meeting, you analyze a User Story and its acceptance criteria. From this, you derive corresponding test cases to apply the principle of early testing.**

**Which test procedure or approach are you using?**

**Select ONE option! (1 out of 4)**

a)	White-Box-Testing	<input type="checkbox"/>
b)	Black-Box-Testing	<input type="checkbox"/>
c)	Experience-Based Testing	<input type="checkbox"/>
d)	Error Guessing	<input type="checkbox"/>

Question 20	FL-4.2.1	K3	Score 1.0
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A daily radiation recorder for plants produces a sunshine score based on a combination of the number of hours a plant is exposed to the sun (below 3 hours, 3 to 6 hours or above 6 hours) and the average intensity of the sunshine (very low, low, medium, high).

Given the following test cases:

	Hours	Intensity	Score
T1	1.5	very low	10
T2	7.0	medium	60
T3	0.5	very low	10

What is the minimum number of additional test cases that are needed to ensure full coverage of ALL VALID INPUT equivalence partitions?

Select ONE option! (1 out of 4)

a)	1	<input type="checkbox"/>
b)	2	<input type="checkbox"/>
c)	3	<input type="checkbox"/>
d)	4	<input type="checkbox"/>

Question 21	FL-4.2.2	K3	Score	1.0
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A smart home app measures the average temperature in the house over the previous week and provides feedback to the occupants on their environmental friendliness based on this temperature.

The feedback for different average temperature ranges (to the nearest °C) should be:

- Up to 10°C                    - Icy Cool!
- 11°C to 15°C                - Chilled Out!
- 16°C to 19°C                - Cool Man!
- 20°C to 22°C                - Too Warm!
- Above 22°C                    - Hot & Sweaty!

Using BVA (only Min- and Max values), which of the following sets of test inputs provides the highest level of boundary coverage?

Select exactly ONE correct option! (1 out of 4)

a)	0°C,	11°C,	20°C,	22°C,	23°C	<input type="checkbox"/>	
b)	9°C,	15°C,	19°C,	23°C,	100°C	<input type="checkbox"/>	
c)	10°C,	16°C,	19°C,	22°C,	23°C	<input type="checkbox"/>	
d)	14°C,	15°C,	18°C,	19°C,	21°C	22°C	<input type="checkbox"/>



Question 22	FL-4.2.3	K3	Score 1.0
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A system for calculating penalties for speeding violations in traffic is specified with the following decision table:

Rules		R1	R2	R3	R4
Conditions	Speed > 50	Y	Y	N	N
	School Zone	Y	N	Y	N
Actions	250 € fine	-	X	-	-
	License suspension	X	-	-	-

Based on the provided decision table and existing test cases:

TC1: Speed = 65, School Zone = Yes

TC2: Speed = 45, School Zone = Yes

TC3: Speed = 50, School Zone = No

TC4: Speed = 49, School Zone = No

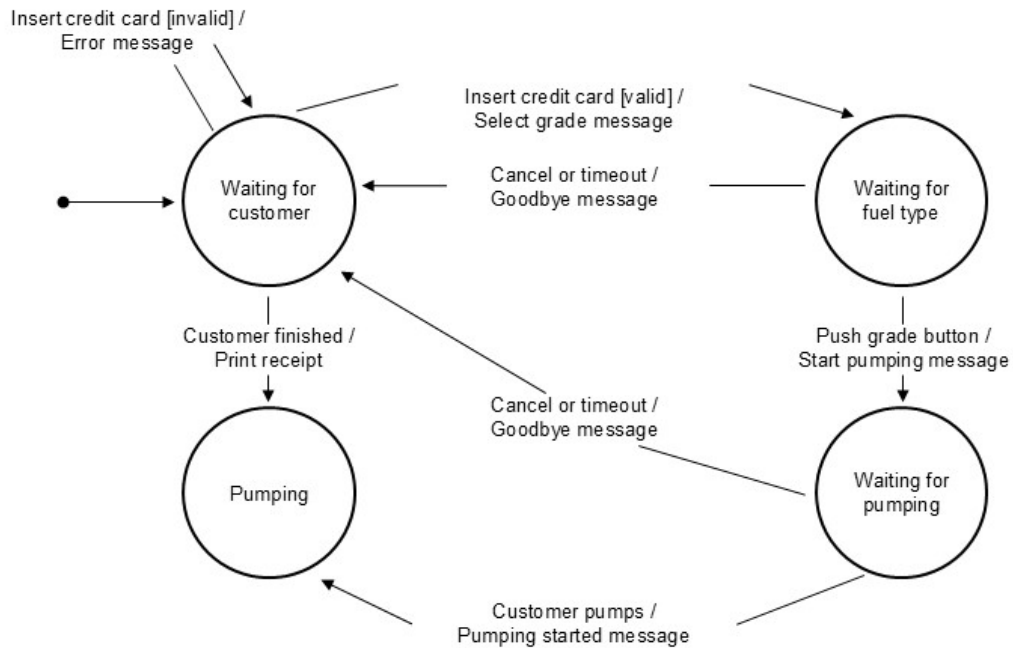
Which of the rules in the decision table is not yet covered by a test case?

Select ONE option! (1 out of 4)

a)	Rule 4	<input type="checkbox"/>
b)	Rule 1	<input type="checkbox"/>
c)	Rule 2	<input type="checkbox"/>
d)	Rule 3	<input type="checkbox"/>

<b>Question 23</b>	<b>FL-4.2.4</b>	<b>K3</b>	<b>Score 1.0</b>
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**Consider the following state transition diagram for a credit-card only, unattended gasoline pump:**



**Assume that you want to develop the minimum number of tests to cover each transition in the state transition diagram. Assume further that each test must start at the beginning state, waiting for customer, and each test ends when a transition arrives at the beginning state.**

**How many tests do you need?**

**Select ONE option! (1 out of 4)**

a)	4	<input type="checkbox"/>
b)	7	<input type="checkbox"/>
c)	1	<input type="checkbox"/>
d)	Infinite	<input type="checkbox"/>

Question 24	FL-4.3.1	K2	Score 1.0
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**Which of the following descriptions of statement coverage applies?**

**Select ONE option! (1 out of 4)**

a)	Statement coverage is a measure of the number of source code lines (excluding comments) that were executed during the test.	<input type="checkbox"/>
b)	Statement coverage is a measure of the percentage of instructions in the source code that were executed during the test.	<input type="checkbox"/>
c)	Statement coverage is a measure of the percentage of source code lines (excluding comments) that were executed during the test.	<input type="checkbox"/>
d)	Statement coverage is a measure of the number of instructions in the source code that were executed during the test.	<input type="checkbox"/>

Question 25	FL-4.3.3	K2	Score 1.0
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**Which of the following statements represents an added value of white-box testing?**

**Select ONE option! (1 out of 4)**

a)	White-box tests can provide metrics for coverage, such as statement coverage.	<input type="checkbox"/>
b)	White-box tests can verify if the code meets the acceptance criteria.	<input type="checkbox"/>
c)	White-box tests can test compatibility with other systems.	<input type="checkbox"/>
d)	White-box tests can uncover all defects in the code.	<input type="checkbox"/>

Question 26	FL-4.4.3	K2	Score 1.0
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You are testing a mobile app that allows customers to access and manage their bank accounts. You are running a test suite that includes evaluating each screen and each field on every screen based on a collection of user interface heuristics. It was derived from a popular book on this topic and is intended to maximize the attractiveness, usability, and accessibility of such apps.

Which of the following test techniques **BEST** categorizes the test techniques you are using?

Select **ONE** option! (1 out of 4)

a)	Decision Table Testing	<input type="checkbox"/>
b)	Exploratory Testing	<input type="checkbox"/>
c)	Checklist-based Testing	<input type="checkbox"/>
d)	Error Guessing	<input type="checkbox"/>

Question 27	FL-4.4.2	K2	Score 1.0
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**For which of the following situations is the use of exploratory testing BEST suited?**

**Select ONE option! (1 out of 4)**

a)	When time pressure requires the acceleration of already specified tests.	<input type="checkbox"/>
b)	When the system is being developed incrementally and no test charter is available.	<input type="checkbox"/>
c)	When testers with sufficient knowledge of similar applications and technologies are available.	<input type="checkbox"/>
d)	When an extensive specification of the system is available for test analysis and design.	<input type="checkbox"/>

Question 28	FL-4.5.2	K2	Score 1.0
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**An agile development team has formulated the following user story: "As a user, I want the volume of the electronic egg timer's alarm to be adjustable so that I can always hear it."**

**Which of the following acceptance criteria is BEST suited from a testing perspective for designing clear acceptance tests?**

**Select ONE option! (1 out of 4)**

a)	The volume is easy to adjust for every person, i.e., the adjustment buttons must have a usable size.	<input type="checkbox"/>
b)	The tester can hear the alarm tone well even at the lowest level.	<input type="checkbox"/>
c)	The volume can be adjusted within a range of 40 to 80 decibels.	<input type="checkbox"/>
d)	The volume adjustment works correctly in the best-selling models of this egg timer.	<input type="checkbox"/>

Question 29	FL-4.5.3	K3	Score 1.0
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Please consider the following user story:

**"As a system administrator, I want to be able to monitor the server's performance to ensure that the system is running efficiently."**

**Which test case is BEST suited for an acceptance test-driven development of the user story?**

**Select ONE option! (1 out of 4)**

a)	1. Login as system administrator; select the server; check the server performance. GIVEN: I am logged in as a system administrator AND GIVEN: I have selected the server, WHEN I select "Check server performance", THEN I am shown an overview of the server's performance.	<input type="checkbox"/>
b)	2. Login as user; perform a task; check the server performance. GIVEN: I am logged in as a user AND GIVEN: I have performed a task, WHEN I select "Check server performance", THEN I am shown an overview of the server's performance.	<input type="checkbox"/>
c)	3. Login as system administrator; select the server; perform a performance test. GIVEN: I am logged in as a system administrator AND GIVEN: I have selected the server, WHEN I select "Perform performance test", THEN a performance test is performed and I receive an overview of the results.	<input type="checkbox"/>
d)	4. Login as system administrator; perform a performance test; check the server performance. GIVEN: I am logged in as a system administrator AND GIVEN: I have performed a performance test, WHEN I select "Check server performance", THEN I am shown an overview of the server's performance.	<input type="checkbox"/>

Question 30	FL-5.1.2	K1	Score 1.0
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**Which of the following activities do testers perform during release planning in an agile project?**

**Select ONE option! (1 out of 4)**

a)	Testers identify and refine functional and non-functional aspects of the test object.	<input type="checkbox"/>
b)	Testers support the derivation of tasks from user stories.	<input type="checkbox"/>
c)	Testers participate in the detailed risk analysis of the user stories.	<input type="checkbox"/>
d)	Testers assist in creating user stories, their testability, and acceptance criteria.	<input type="checkbox"/>

Question 31	FL-5.1.3	K2	Score 1.0
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Given are the following examples of entry and exit criteria for a system test:

1. The planned test budget of 400 effort hours for the system test is exhausted.
2. More than 95% of the planned test cases have been executed.
3. The test environment for the performance test is designed, set up, and verified.
4. There are no Priority 1 defects and a maximum of 4 Priority 2 defects open.
5. The design specification has been reviewed and approved through a technical review.
6. The unit test for the 'tax rate' and 'total price' components is completed and approved.

Which of the following combinations best categorizes the examples as entry and exit criteria?

Select ONE option! (1 out of 4)

a)	Entry criteria: 5, 6; Exit criteria: 1, 2, 3, 4	<input type="checkbox"/>
b)	Entry criteria: 2, 3, 4; Exit criteria: 1, 5, 6	<input type="checkbox"/>
c)	Entry criteria: 1, 3; Exit criteria: 2, 4, 5, 6	<input type="checkbox"/>
d)	Entry criteria: 3, 5, 6; Exit criteria: 1, 2, 4	<input type="checkbox"/>



Question 32	FL-5.1.4	K3	Score 1.0
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You want to estimate the test effort for a new project using a three-point estimate. You have received the following estimates from the experts: the most optimistic estimate (a) is 300 person-days, the most likely estimate (m) is 400 person-days, and the most pessimistic estimate (b) is 500 person-days.

How do you estimate the test effort based on the three-point estimate for this project?

Select ONE option! (1 out of 4)

a)	350 person-days	<input type="checkbox"/>
b)	420 person-days	<input type="checkbox"/>
c)	$400 \pm 33$ person-days	<input type="checkbox"/>
d)	450 person-days	<input type="checkbox"/>

Question 33	FL-5.1.5	K3	Score 1.0
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You have been asked to establish an optimal, risk-based execution sequence for the following test cases, which have already been prioritized and examined for any dependencies:

Test case-ID	Priority	Depending on
T7	2	-
T8	1	T7
T9	3	T8
T10	3	T8
T11	1	T9
T12	2	T10

Priority 1 is more urgent than Priority 2, and so forth.

Which of the following test sequences takes into account the dependencies and priorities mentioned above?

Select ONE option! (1 out of 4)

a)	T7 -> T8 -> T10 -> T11 -> T9 -> T12	<input type="checkbox"/>
b)	T7 -> T8 -> T9 -> T10 -> T11 -> T12	<input type="checkbox"/>
c)	T7 -> T8 -> T10 -> T9 -> T11 -> T12	<input type="checkbox"/>
d)	T7 -> T8 -> T9 -> T11 -> T10 -> T12	<input type="checkbox"/>

<b>Question 34</b>	<b>FL-5.1.7</b>	<b>K2</b>	<b>Score 1.0</b>
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**Which of the following statements illustrates the benefit of the testing quadrants?**

**Select ONE option! (1 out of 4)**

a)	The tester can refer to the respective quadrants when selecting test types, so that all involved stakeholders better understand the purpose of the tests.	<input type="checkbox"/>
b)	The tester can use the test types described by test quadrants as a coverage metric; the more tests are performed from each quadrant, the higher the coverage.	<input type="checkbox"/>
c)	The team should plan approximately the same number of test cases for each quadrant to ensure that all test levels and types are equally considered.	<input type="checkbox"/>
d)	The tester can use the test quadrants for risk analysis; with lower levels of the quadrants representing lower risk for the customer.	<input type="checkbox"/>

<b>Question 35</b>	<b>FL-5.2.4</b>	<b>K2</b>	<b>Score 1.0</b>
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**Which of the following statements about product risk control in the context of risk mitigation does NOT apply?**

**Select ONE option! (1 out of 4)**

a)	The complexity of the database module was rated high, therefore additional test cases were created for the module.	<input type="checkbox"/>
b)	The requirements for the user interface are unclear, therefore a user experience expert is included in the project.	<input type="checkbox"/>
c)	The performance of the system is critical to the success of the project, therefore code reviews are skipped to save time.	<input type="checkbox"/>
d)	The system must have high availability, therefore additional load tests are performed.	<input type="checkbox"/>

Question 36	FL-5.3.3	K2	Score 1.0
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In a regulatory project that is already behind schedule, the relevant stakeholders have requested to be informed daily about the test status.

What is the **MOST EFFECTIVE** way to communicate the test status when stakeholders cannot coordinate directly due to spatial and temporal constraints?

Select **ONE** option! (1 out of 4)

a)	Formal means of communication (e.g. formal reports, emails) should be used to ensure that important information reaches the recipients.	<input type="checkbox"/>
b)	Communication should take place via a chat group to ensure that all team members are informed about the test status as promptly as possible.	<input type="checkbox"/>
c)	The relevant stakeholders should be verbally informed about the test status to convey the most important information directly.	<input type="checkbox"/>
d)	The test status should be communicated in daily coordination meetings via video conference, with stakeholders from all involved time zones participating.	<input type="checkbox"/>

Question 37	FL-5.4.1	K2	Score 1.0
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**Which of the following statements describes how configuration management can support testing activities?**

**Select ONE option! (1 out of 4)**

a)	A tester records the progress made during testing on the current day in a test management tool.	<input type="checkbox"/>
b)	A tester stores test data for data-driven test execution in a database and ensures that the data can be read from the database at the time of test execution.	<input type="checkbox"/>
c)	A tester uses a spreadsheet program to formalize the business rules of a system to be tested in the form of decision tables.	<input type="checkbox"/>
d)	A tester automatically restores the relevant test assets for an older version of a product in order to perform maintenance testing for that older version.	<input type="checkbox"/>

Question 38	FL-5.5.1	K3	Score 1.0
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You are testing a new version of the software for a coffee machine. With this software, the machine can prepare various types of coffee, which are categorized into four categories: coffee quantity, sugar, milk, and syrup.

The categories are as follows:

- Coffee quantity (small, medium, large),
- Sugar (none, 1 unit, 2 units, 3 units, 4 units),
- Milk (yes or no),
- Coffee flavor (no syrup, caramel, hazelnut, vanilla).

You are writing a defect report with the following information:

**Title:** Low coffee temperature.

**Brief summary:** When selecting coffee with milk, the temperature of the drink is too low (below 40 °C).

**Expected result:** The temperature of the coffee should meet the standard (approximately 75 °C).

**Impact severity:** Moderate

**Priority:** Normal

What relevant information have you forgotten in the defect report above?

Select ONE option! (1 out of 4)

a)	Actual test result	<input type="checkbox"/>
b)	Identification of the tested software version	<input type="checkbox"/>
c)	Ideas for improving the test case	<input type="checkbox"/>
d)	Quality of the work result that was tested	<input type="checkbox"/>

Question 39	FL-6.1.1	K2	Score	1.0
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Given the following test activities

1. Performance measurement and IT security checks
2. Test automation
3. Test activity management
4. Test design and test implementation

and test tools:

- A. Tools for test execution.
- B. Test tools for non-functional tests.
- C. Tools for preparing test cases and test data.
- D. Defect management tools.

Which assignment of tools to activities is the BEST?

Select ONE option! (1 out of 4)

a)	1 – D, 2 – C, 3 – B, 4 – A	<input type="checkbox"/>
b)	1 – B, 2 – A, 3 – C, 4 – D	<input type="checkbox"/>
c)	1 – B, 2 – A, 3 – D, 4 – C	<input type="checkbox"/>
d)	1 – A, 2 – B, 3 – D, 4 – C	<input type="checkbox"/>

Question 40	FL-6.2.1	K1	Score 1.0
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**Which of the following statements best describes the potential benefit of using tools for automated test execution?**

**Select ONE option! (1 out of 4)**

a)	Implementing regression tests is easier since they can be implemented directly with a test script.	<input type="checkbox"/>
b)	There is a more efficient assessment of the test object by the automation tool.	<input type="checkbox"/>
c)	Using a test tool when manual testing is more appropriate.	<input type="checkbox"/>
d)	Regression tests can be conducted more quickly, thus providing faster feedback to the team.	<input type="checkbox"/>



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(are neither read nor valuated during correction)

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