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Exam : CTAL-TA_SYLL2019

Title : ISTQB Certified Tester Advanced Level - Test Analyst (Syllabus 2019)

Version : DEMO

1.Which of the following software development lifecycle models requires the earliest involvement from the Test Analyst?
A. V-model
B. Embedded iterative model
C. Agile development model
D. Maintenance lifecycle
Answer: C
Explanation:
The agile development model requires the earliest involvement from the test analyst because it is a flexible and iterative approach that delivers software in short cycles called sprints. The test analyst plays a key role in planning, designing, executing, and reporting on the testing activities for each sprint.
Reference =
ISTQB Certified Tester Advanced Level Overview of Syllabi1, page 10
ISTQB Certified Tester Advanced Level Syllabus Technical Test Analyst2, page 2 Understanding the SDLC: Software Development Lifecycle Explained3, section “Agile model”

2.Which of the following appropriate tasks for the Test Analyst is performed during the test analysis phase?
A. Review test estimates
B. Examine the test basis
C. Create a test execution schedule
D. Evaluate status against exit criteria
Answer: B
Explanation:
The test basis is the collection of documents that provide the basis for testing, such as requirements, design documents, user manuals, etc. The test analyst examines the test basis to understand the scope and objectives of testing, as well as the risks and assumptions involved. This task is performed during the test analysis phase, which is the first phase of the test process.
Reference =
ISTQB Certified Tester Advanced Level Overview of Syllabi1, page 10
ISTQB Certified Tester Advanced Level Syllabus Technical Test Analyst2, page 2 Test Analysis and Test Design are key for software testing3, section “Test Analysis”

3.What is the MOST important reason why test conditions should be understandable by business stakeholders?
A. They should be able to review the test conditions and provide feedback to the Test Analyst
B. They should be able to use them as a basis for designing test cases.
C. They should be able to use them to establish traceability to requirements
D. Test documentation should always be understandable by all stakeholders.
Answer: A
Explanation:
The test conditions are the inputs and outputs that are used to define the scope and objectives of testing. They should be understandable by business stakeholders because they affect their expectations and satisfaction with the software product. Business stakeholders can provide valuable feedback to the test

analyst on the test conditions, such as clarifying any ambiguities, suggesting any changes, or identifying any gaps or risks.
Reference =
ISTQB Certified Tester Advanced Level Overview of Syllabi1, page 10
ISTQB Certified Tester Advanced Level Syllabus Technical Test Analyst2, page 2
Who are the stakeholders in software testing? How to identify them?3, section “Stakeholders in testing will require attention”

4.As a Test Analyst you are involved in the early stages of an acceptance test for a Product Data Management system. You are asked to write test designs and test cases based on use cases. An early version of the system is already available. It is expected that many things will change (including the user interface) during implementation of the new version.
The tests will be conducted by end-users with much domain knowledge who have also been involved in the project defining the user requirements (in the format of use cases) and reviewing other documentation.
What Is the BEST option regarding the level of detail and documentation required for test cases in the project?
A. Detailed low-level test cases since many re-runs of the tests are expected.
B. High-level test cases supported by low-level test cases to allow for traceability and enable future changes.
C. Low-level test cases only since the end-users have extensive domain knowledge.
D. High-level test cases only since the end-users have extensive domain knowledge and many changes are expected
Answer: B
Explanation:
The level of detail and documentation required for test cases in the project depends on the type of application under test, the standards followed by the organization, and the maturity of the development process. For a web application that is undergoing frequent changes, it is advisable to use high-level test cases that describe the main features and functionalities from a user’s perspective, and low-level test cases that provide more details and specifications for each feature. High-level test cases can be supported by low-level test cases to ensure traceability between the requirements and the test scenarios, as well as to facilitate future changes or enhancements. Low-level test cases can also be reviewed and updated by the end-users who have extensive domain knowledge and are involved in the project.
Reference =
ISTQB Certified Tester Advanced Level Overview of Syllabi1, page 10
ISTQB Certified Tester Advanced Level Syllabus Technical Test Analyst2, page 2
Test Documentation in Software Testing (Example)3, section “Best practice to Achieve Test Documentation”

5.company in the medical domain has adopted methodical testing as its preferred test strategy Before being able to release to the market an external audit on the test process is mandatory. The test team consists of a mix of highly experienced domain-based testers and junior testers who only recently joined the company.

What is the BEST option regarding the level of detail and documentation required for test cases in the project?
A. Low-level test cases since this will support both the external audit and the new junior testers.
B. High-level test cases since this is consistent with the chosen test strategy
C. Low-level test cases since it will make the process more effective and it will make the best use of the knowledge and skills of the experienced domain testers.
D. High-level test cases since it will make the process more effective and it will make the best use of the knowledge and skills of the experienced I domain testers.
Answer: A
Explanation:
The level of detail and documentation required for test cases in the project depends on the type of application under test, the standards followed by the organization, and the maturity of the development process. For a medical domain application that is undergoing frequent changes, it is advisable to use low-level test cases that provide more details and specifications for each feature. Low-level test cases can support both the external audit and the new junior testers by ensuring traceability between the requirements and the test scenarios, as well as by facilitating future changes or enhancements. Low-level test cases can also be reviewed and updated by both experienced domain-based testers and junior testers who have extensive knowledge of the medical domain.
Reference =
ISTQB Certified Tester Advanced Level Overview of Syllabi1, page 10
ISTQB Certified Tester Advanced Level Syllabus Technical Test Analyst2, page 2
Healthcare Domain Testing: 60 Sample Test Case Examples3, section “Testing Types for Healthcare Applications”