

DUMPS ARENA

ISTQB Certified Tester Foundation Level (Syllabus 2018 - UK only)

iSQI CTFL UK Syll2018

Version Demo

Total Demo Questions: 15

Total Premium Questions: 338

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Topic Break Down

Topic	No. of Questions
Topic 1, Scenario 3 "Tool Selection and Implementation"	2
Topic 2, Scenario 4, V1 "Test Management Tool"	5
Topic 3, Scenario 4, V2 "Test Management Tool"	4
Topic 4, Scenario 5, V1 "Human Resource System"	3
Topic 5, Scenario 5, V2 "Human Resource System"	2
Topic 6, Scenario 6, V1 "Independent Test Team"	4
Topic 7, Scenario 6, V2 "Independent Test Team"	3
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Topic 9, Scenario 6, V4 "Independent Test Team"	2
Topic 10, Scenario 7 "Test Estimation"	4
Topic 11, Scenario 8, V1 "Test Process Improvement"	4
Topic 12, Scenario 8, V2 "Test Proems Improvement"	2
Topic 13, Scenario 9 "Test Management Documentation"	4
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Topic 17, Scenario 11 "Incident Management"	1
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Topic 20, Topic 22, Mix Questions Set B	80
Topic 21, Topic 23, Mix Questions Set C	40
Topic 22, Mixed Questions	12
Total	338

QUESTION NO: 1

Which of the following is true about the V-model?

- A. It has the same steps as the waterfall model for software development.
- B. It is referred to as a cyclical model for software development.
- C. It enables the production of a working version of the system as early as possible.
- D. It enables test planning to start as early as possible.

ANSWER: D

QUESTION NO: 2

Select THREE issues from the options provided that should at least be raised. 1 credit

- A. Has there been sufficient comparison of tools?
- B. What are the problems we are trying to address?
- C. Do we have a set of tool requirements to validate the tool against?
- D. How will the implementation be organized?
- E. Which project will be selected to perform the tool pilot?
- F. Is customized training available?
- G. How will the change process be managed?

ANSWER: A B C

QUESTION NO: 3

During test process improvement it is recommended to use standards where possible. Standards originate from various sources and they cover different subjects in relation to testing Pick TWO sources of software standards, useful to software testing from the ones mentioned below. 1 credit

- A. ISO 9126-1 'Software engineering- Product quality Part 1: Quality model' is an international standard, that provides a basis on which to define quality assurance solutions.
- B. ISA 4126-1 'Software engineering- Product quality Part 1: Quality model' is an international standard, that provides a basis on which to define quality assurance solutions.
- C. BS-7925-2 'Software testing. Software component testing is a national standard used internationally. It covers a number of testing techniques that may be useful both on component testing level and on system testing level.

D. SY-395-01 'Standard for East Coast Hospital software' is a regional standard adapted from a national one. Besides hospital software, this standard ought to be used also by other types of software system in the region.

E. IEEE 829 'standard for software test documentation' is an international standard to be following mandatory by all testing origination regardless of lifecycle models.

ANSWER: A C

QUESTION NO: 4

Given the following figures for the testing on a project, and assuming the failure rate for initial tests remains constant and that all retests pass, what number of tests remain to be run? 3 credits

Test planned	1000
Initial tests run	500
Initial tests passed	350
Retests run	80

- A. 700
- B. 720
- C. 784
- D. 570

ANSWER: B

QUESTION NO: 5

Identify THREE items that would be part of the work-breakdown structure showing the key testing activities for the acceptance test project. 2 credits (for 2 out of 3 correct 1 credit)

- A. Test planning, test case preparation and test execution for each of the four iterations
- B. Work should be explicitly allocated to test completion, test management, installation and to training on using the system
- C. Activities to deploy the system in the user environment
- D. Regression testing in the second, third and fourth iterations
- E. Development activities for unit and integration testing
- F. Reviews on requirements documentation
- G. Defining test environment requirements for system testing

ANSWER: A B D

QUESTION NO: 6

Which of the following is a structure-based (white-box) technique?

- A. Decision table testing
- B. State transition testing
- C. Statement testing
- D. Boundary value analysis

ANSWER: C**Explanation:**

All other options are specification-based (black-box) techniques, and the main distracter is answer (A) because decision table testing could be confused with decision testing.

QUESTION NO: 7

Identify the THREE types of formal peer reviews that can be recognized. 1 credit

- A. Inspection
- B. Management review
- C. Walkthrough
- D. Audit
- E. Technical review
- F. Informal review
- G. Assessment

ANSWER: A C E**QUESTION NO: 8**

Which of the following is not a part of the Test Implementation and Execution Phase?

- A. Creating test suites from the test cases
- B. Executing test cases either manually or by using test execution tools
- C. Comparing actual results
- D. Designing the Tests

ANSWER: D

QUESTION NO: 9

One Key reason why developers have difficulty testing their own work is:

- A. Lack of technical documentation
- B. Lack of test tools on the market for developers
- C. Lack of training
- D. Lack of Objectivity

ANSWER: C

QUESTION NO: 10

Model characteristics:

Which THREE of the below mentioned characteristics relate to TMMi? 1 credit

- A. 5 maturity levels
- B. Focussed on higher level testing
- C. 20 key areas
- D. Highly related to CMMI
- E. Continuous model
- F. Staged model
- G. Focussed on component and integration testing
- H. Is build around 12 critical testing processes

ANSWER: A D F

QUESTION NO: 11

Instead of having an independent test team within the company, the company is considering to outsource testing. What are THREE key challenges that are typical for outsourcing? 1 credit

- A. Test environment more complex
- B. Define expectation for tasks and deliverables
- C. Clear channels of communications

- D. Possibly different cultures
- E. Testing of non-functional requirements
- F. Audit trail from requirements to test cases
- G. Applying test automation

ANSWER: B C D

QUESTION NO: 12

What test roles (or parts in the testing process) is a developer most likely to perform?

- (i) Executing component integration tests.
 - (ii) Static analysis.
 - (iii) Setting up the test environment.
 - (iv) Deciding how much testing should be automated.
- A. (i) and (ii)
 - B. (i) and (iv)
 - C. (ii) and (iii)
 - D. (iii) and (iv)

ANSWER: A

Explanation:

- (i) Executing component integration tests is usually done by developers. Developers are usually responsible for unit and component integration testing. Independent testing usually follows at system and acceptance test levels.
- (ii) Static analysis is usually done by developers because: it requires an understanding of the code and therefore the person doing this needs skills in the programming language; and it can be done as soon as the code is written. Therefore it is quick and effective for the developer to do it. The risk of a lack of test independence can be mitigated by performing independent system and acceptance testing.
- (iii) Setting up the test environment is an activity typically performed by a tester. It may require support from developers and staff from other departments and on some occasions environments could be set up by developers. However, it is a task that could be done by a tester rather than a developer.
- (iv) Deciding how much testing should be automated is typically a decision made by the test leader, who will consult other staff in the decision-making process. Developers may be involved and their skills may be required to automate some tests. However, the decision on how much to automate should not be made by developers.

QUESTION NO: 13

Test Implementation and execution has which of the following major tasks?

- i. Developing and prioritizing test cases, creating test data, writing test procedures and optionally preparing the test harnesses and writing automated test scripts.
 - ii. Creating the test suite from the test cases for efficient test execution.
 - iii. Verifying that the test environment has been set up correctly.
 - iv. Determining the exit criteria.
- A.** i, ii, iii are true and iv is false
- B.** i, iv are true and ii is false
- C.** i, ii are true and iii, iv are false
- D.** ii, iii, iv are true and i is false

ANSWER: A

QUESTION NO: 14

In general, why is it NOT a good idea to estimate the testing effort based only on a percentage of development effort? Identify THREE valid reasons. 1 credit

- A.** The quality of the development estimate may be poor.
- B.** In general bottom-up estimation is always better than top-down estimation.
- C.** The percentage based technique only applies to the V life cycle model.
- D.** Using the same percentage every time does not address the level of risk of the application to be tested.
- E.** The maturity of the organization, e.g. the quality of the test basis, quality of development testing, configuration management, availability of test tools, also influence the effort needed for testing.
- F.** It builds on large set of historical data
- G.** The result is almost always a too low estimate for the required test effort

ANSWER: A D E

QUESTION NO: 15

The purpose of requirement phase is:

- A.** To freeze requirements
- B.** To understand user needs
- C.** To define the scope of testing

D. All of the above

ANSWER: D