DUMPS ARENA

ISTQB Certified Tester Advanced Level - Technical Test Analyst

iSQI CTAL-TTA

Version Demo

Total Demo Questions: 10

Total Premium Questions: 65

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Topic Break Down

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QUESTION NO: 1

Which of the following is a dynamic analysis technique related to improving application performance? 1 credit [K2]

Number of correct answers: 1

A. Code complexity analysis

B. Profiling

C. Network package sniffing

D. Spelling and grammar checking

ANSWER: B

QUESTION NO: 2

What are the TWO most significant benefits a test execution tool should bring to the organisation?   1 credit [K2]

Number of correct answers: 2

A. Less expensive and time consuming regression testing

B. More structured incident management

C. Improved control and monitoring

D. Visibility on test coverage

E. More coverage during regression testing

ANSWER: A E

QUESTION NO: 3

Exhibit:

> Questions 63 - 65
>
> A test team is keeping logs of the incidents that they observe. They use a commonly-available word processor to write the incident reports in individual file, which are held in shared storage. They track the incidents along with some incident details, in a spreadsheet.

You have now also been given the task to identify the key fields for logging the incident reports. So far the following fields have been in use in the Excel sheet:

- Incident description

- Date

- Author

- State

Which of the following would you recommend as the best combination of fields to add? 1 credit [K2]

Number of correct answers: 1

A. Priority, version of software under test, incident identification

B. Date to be fixed, priority, incident identification

C. Developer assigned to the fix, version of software under test, incident identification

D. Priority, version of software under test, date to be fixed

ANSWER: A

QUESTION NO: 4

A component has been analyzed as being highly critical. Which of the following structure-based test design techniques provides the highest level of coverage? 1 credit [K2]

Number of correct answers: 1

A. Statement testing

B. Decision testing

C. Condition determination testing

D. Multiple condition testing

ANSWER: C

QUESTION NO: 5

Select TWO solutions how the team could achieve significant benefits in the use of this tool within the next 6 months? (3 credits, for 1 out of 2 correct 1 credit) 3 credits [K4]

Number of correct answers: 2

A. Introduce data-driven or keyword driven scripting techniques

B. Change the development process

C. Select and implement a test management tool to complement the test suite

D. Identify critical parts of the system and concentrate on automating some of those tests for that particular area

E. Get business testers involved in the automation process

ANSWER: A D

QUESTION NO: 6

An embedded software company is considering to improve the quality of its software components to be delivered to the integration team. After studying various experience papers that report a higher level of quality for software components, two main alternative techniques are identified: static analysis and dynamic analysis. In deciding which one is most applicable and how they relate to each other a detailed study is performed. Which of the following are TWO key similarities between static analysis and dynamic analysis? 2 credits [K4]

Number of correct answers: 2

A. Both are performed using requirements as its major input document

B. Both are usually undertaken by integration testers

C. Both are usually undertaken by development during coding and unit testing

D. Both are related to reviews

E. Both usually use a tool

ANSWER: C E

QUESTION NO: 7

Which TWO of the following artefacts can be useful as a test oracle the first time a test case is run? 1 credit [K2]

Number of correct answers: 2

A. Incident report

B. Requirements Specification

C. Test summary report

D. Legacy system

E. Test plan

ANSWER: B D

QUESTION NO: 8

Which specification-based technique could be used to enhance coverage for this code fragment?　　　1 credit [K2]

Number of correct answers: 1

A. Boundary value analysis

B. Exploratory testing

C. State transition testing

D. Use case testing

ANSWER: A

QUESTION NO: 9

It has been suggested to organise a performance test to find out more regarding the third risk. Which of the following would you use to quantify the situation and as a basis for defining a performance exit criteria? 2 credits [K3]

Number of correct answers: 1

A. Defect analysis time

B. Change parameter success ratio

C. Number of errors made by the user

D. Time to perform the function

ANSWER: D

QUESTION NO: 10

The development manager asks you to identify suitable test coverage entry criteria for a component test. Which TWO of the following would you recommend as appropriate for entry criteria to a component testing phase? 2 credits [K3]

Number of correct answers: 2

A. 100% statement coverage

B. No critical outstanding defects

C. Test log available

D. Code review completed

E. Static analysis shows no major violations

ANSWER: D E