



Vendor: iSQI

Exam Code: CTAL-TTA_001

Exam Name: ISTQB Certified Tester Advanced Level -
Technical Test Analyst

Version: DEMO

QUESTION 1

Part 3 "Bonus Program"

```
01      "Declaration of variables used in the program"
02
03      Declare Price as float;
04      Declare Quantity as integer;
05      Declare Bonus as integer;
06      "variables of type integer are not signed & should not have a negative value"
07      Declare Market as string;
08      Declare Sale_Value as float;
09
10      "The main program"
11      MAIN
12
13      Read Price;
14      Read Quantity;
15      Read Market;
16      Read Bonus;
17      Sale_Value=Price*Quantity;
18
19      IF Sale_Value > 1000 THEN
20          Bonus = Bonus + 2;
21          IF Sale_Value > 5000 THEN
22              Bonus = Bonus + 3;
23          ENDIF
24      ENDIF
25
26      IF (Bonus < 5 AND Market <> "UK") THEN
27          Bonus = Bonus * 1.5;
28          Print Bonus;
29          Print "Your bonus is enhanced for international sales!";
30      ELSE
31          Print Bonus;
32      ENDIF
33
34      END
```

When performing code reviews, which of the following defect types will be most difficult to find? 1 credit [K2]

- A. Dead code
- B. Variable used that is not defined
- C. Memory issues
- D. Conformance to design

Answer: C

QUESTION 2

Part 3 "Bonus Program"

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During code reviews, it is the author's responsibility... 1 credit [K2]

- A. to address all major and minor defects as stated in the defect log
- B. to fix all major and minor defects as stated in the defect log
- C. to take action on only improvement suggestions from the defect log
- D. to correct source documents that have major defects

Answer: A

QUESTION 3

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An organization has already implemented a static analysis tool and is considering whether code reviews would have any added value. Which of the following defect types can only be found by means of code reviews? 1 credit [K2]

- A. Conformance to coding standards
- B. Conformance to design
- C. Endless loop
- D. Cyclomatic complexity too high

Answer: B

QUESTION 4

Part 3 "Bonus Program"

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To support code reviews a checklist will be developed. Which TWO questions from the list would you implement as part of the code review checklist? 3 credits [K3]

- A. Are any magic numbers (numeric literals) used, other than 0 or 1?
- B. Can each item be implemented with the techniques, tools, and resources available?
- C. Is it possible during acceptance testing to verify whether the item has been satisfied?
- D. Is the item specified in an exact, unambiguous way?

E. Is there any logic containing no statements and no explanation as to why it is empty?

Answer: AE

QUESTION 5

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Applying exploratory testing (ET) during unit testing is being considered. Which ET deliverable would be the primary candidate for informal reviews? 1 credit [K2]

- A. Test log & coverage outline
- B. Test charter

- C. Heuristics
- D. Test case specification

Answer: B

QUESTION 6

Part 3 "Bonus Program"

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<http://www.ExamsKey.com>

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Which of the following is the most important benefit of making exploratory testing part of your test

approach for the "Bonus Program"? 3 credits [K4]

- A. The ability to utilize a very experienced test team
- B. The ability to accurately predict the residual risk prior to delivery
- C. The ability to prevent defects during requirements analysis
- D. The ability to test effectively without a complete test basis

Answer: D

QUESTION 7

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

- 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: AE

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