

ISTQB Foundation Sample Question Paper No. 5

1. An input field takes the year of birth between 1900 and 2004

The boundary values for testing this field are

- a. 0,1900,2004,2005
- b. 1900, 2004
- c. 1899,1900,2004,2005
- d. 1899, 1900, 1901,2003,2004,2005

2. Which one of the following are non-functional testing methods?

- a. System testing
- b. Usability testing
- c. Performance testing
- d. Both b & c

3. Which of the following tools would be involved in the automation of regression test?

- a. Data tester
- b. Boundary tester
- c. Capture/Playback
- d. Output comparator.

4. Incorrect form of Logic coverage is:

- a. Statement Coverage
- b. Pole Coverage
- c. Condition Coverage
- d. Path Coverage

5. Which of the following is not a quality characteristic listed in ISO 9126 Standard?

- a. Functionality
- b. Usability
- c. Supportability
- d. Maintainability

6. To test a function, the programmer has to write a _____, which calls the function to be tested and passes it test data.

- a. Stub
- b. Driver
- c. Proxy
- d. None of the above

7. Boundary value testing

- a. Is the same as equivalence partitioning tests
- b. Test boundary conditions on, below and above the edges of input and output equivalence classes

- c. Tests combinations of input circumstances
- d. Is used in white box testing strategy

8. Pick the best definition of quality

- a. Quality is job one
- b. Zero defects
- c. Conformance to requirements
- d. Work as designed

9. Fault Masking is

- a. Error condition hiding another error condition
- b. Creating a test case which does not reveal a fault
- c. Masking a fault by developer
- d. Masking a fault by a tester

10. 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

11. During the software development process, at what point can the test process start?

- a. When the code is complete.
- b. When the design is complete.
- c. When the software requirements have been approved.
- d. When the first code module is ready for unit testing

12. In a review meeting a moderator is a person who

- a. Takes minutes of the meeting
- b. Mediates between people
- c. Takes telephone calls
- d. Writes the documents to be reviewed

13. Given the Following program

IF $X < Y$

THEN Statement 1;

ELSE IF $Y \geq Z$

THEN Statement 2;

END

McCabe's Cyclomatic Complexity is :

- a. 2
- b. 3
- c. 4

d. 5

14. How many test cases are necessary to cover all the possible sequences of statements (paths) for the following program fragment? Assume that the two conditions are independent of each other : -

.....

if (Condition 1)

then statement 1

else statement 2 fi

if (Condition 2)

then statement 3

fi

.....

- a. 2 Test Cases
- b. 3 Test Cases
- c. 4 Test Cases
- d. Not achievable

15. Acceptance test cases are based on what?

- a. Requirements
- b. Design
- c. Code
- d. Decision table

16. “How much testing is enough?”

- a. This question is impossible to answer
- b. This question is easy to answer
- c. The answer depends on the risk for your industry, contract and special requirements
- d. This answer depends on the maturity of your developers

17. A common test technique during component test is

- a. Statement and branch testing
- b. Usability testing
- c. Security testing
- d. Performance testing

18. Statement Coverage will not check for the following.

- a. Missing Statements
- b. Unused Branches
- c. Dead Code
- d. Unused Statement

19. Independent Verification & Validation is

- a. Done by the Developer
- b. Done by the Test Engineers

- c. Done By Management
- d. Done by an Entity Outside the Project's sphere of influence

20. Code Coverage is used as a measure of what ?

- a. Defects
- b. Trends analysis
- c. Test Effectiveness
- d. Time Spent Testing

Answers

- 1 c
- 2 d
- 3 c
- 4 b
- 5 c
- 6 b
- 7 b
- 8 c
- 9 a
- 10 d
- 11 c
- 12
- b 13
- b

14 c

15 a

16 c

17 a

18 a

19 d

20 c