[ISTQB Foundation Sample Question Paper No. 10](http://istqbexamcertification.com/)

1. **Designing the test environment set-up and identifying any required infrastructure and tools are a part of which phase**
2. Test Implementation and execution
3. Test Analysis and Design
4. Evaluating the Exit Criteria and reporting
5. Test Closure Activities
6. **Test Implementation and execution has which of the following major tasks?**
7. Developing and prioritizing test cases, creating test data, writing test procedures and optionally preparing the test harnesses and writing automated test scripts.
8. Creating the test suite from the test cases for efficient test execution.
9. Verifying that the test environment has been set up correctly.
10. Determining the exit criteria.
11. i,ii,iii are true and iv is false
12. i,,iv are true and ii is false
13. i,ii are true and iii,iv are false
14. ii,iii,iv are true and i is false
15. **A Test Plan Outline contains which of the following :-**
16. **Test Items**
17. **Test Scripts**
18. **Test Deliverables**
19. **Responsibilities**
20. i,ii,iii are true and iv is false
21. i,iii,iv are true and ii is false
22. ii,iii are true and i and iv are false
23. i,ii are false and iii , iv are true
24. **One of the fields on a form contains a text box which accepts numeric values in the range of**

**18 to 25. Indentify the invalid Equivalance class**

1. 17
2. 19
3. 24
4. 21
5. **In a Examination a candidate has to score minimum of 24 marks inorder to clear the exam.**

**The maximum that he can score is 40 marks. Identify the Valid Equivalance values if the student clears the exam.**

a) 22,23,26

b) 21,39,40

c) 29,30,31

d) 0,15,22

1. **Which of the following statements regarding static testing is false:**
2. static testing requires the running of tests through the code
3. static testing includes desk checking
4. static testing includes techniques such as reviews and inspections
5. static testing can give measurements such as cyclomatic complexity
6. **Verification involves which of the following :-**
7. Helps to check that we have built product right.
8. Helps to check that we have built the right product.
9. Helps in developing the product
10. Monitoring tool wastage and obsoleteness.
11. Options i,ii,iii,iv are true.
12. i is true and ii,iii,iv are false
13. i,ii,iii are true and iv is false
14. ii is true and i,iii,iv are false.
15. **Component Testing is also called as :-**
16. **Unit Testing**
17. **Program Testing**
18. **Module Testing**
19. **System Component Testing .**
20. i,ii,iii are true and iv is false
21. i,ii,iii,iv are false
22. i,ii,iv are true and iii is false
23. all of above is true
24. **Link Testing is also called as :**
25. Component Integration testing
26. Component System Testing
27. Component Sub System Testing

d)Maintenance testing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **10. What is the expected result for each of the following test cases?** | | | | **Rule 4** |
|  | **Rule 1** | **Rule 2** | **Rule 3** |
| **Conditions**  **Indian resident?** | **False** | **True** | **True** | **True** |
| **Age between 18 - 55?** | **Don’t care** | **False** | **True** | **True** |
| **Married?** | **Don’t care** | **Don’t care False** | | **True** |
| **Actions**  **Issue Memebership?** | **False** | **False** | **True** | **True** |
| **Offer 10% discount?** | **False** | **False** | **True** | **False** |

A.TC1: Anand is a 32 year old married, residing in Kolkatta.

B.TC3: Attapattu is a 65 year old married person, residing in Colombo.

1. A - Issue membership, 10% discount, B - Issue membership, offer no discount. B
2. A - Don’t Issue membership, B - Don’t offer discount. C
3. A - Issue membership, no discount, B - Don’t Issue membership.
4. Issue membership, no discount, B- Issue membership with 10% discount.
5. **Methodologies adopted while performing Maintenance Testing:-**
6. Breadth Test and Depth Test
7. Retesting
8. Confirmation Testing
9. Sanity Testing
10. **Which of the following is true about Formal Review or Inspection:- i. Led by Trained Moderator (not the author).**
11. **No Pre Meeting Preparations**
12. **Formal Follow up process.**
13. **Main Objective is to find defects**
14. ii is true and i,iii,iv are false
15. i,iii,iv are true and ii is false c) i,iii,iv are false and ii is true

d) iii is true and I,ii,iv are false

**13. The Phases of formal review process is mentioned below arrange them in the correct order.**

1. **Planning**
2. **Review Meeting**
3. **Rework**
4. **Individual Preparations**
5. **Kick Off**
6. **Follow Up**
7. i,ii,iii,iv,v,vi
8. vi,i,ii,iii,iv,v
9. i,v,iv,ii,iii,vi
10. i,ii,iii,v,iv,vi
11. **Consider the following state transition diagram of a two-speed hair dryer, which is**

**operated by pressing its one button. The first press of the button turns it on to Speed 1, second press to Speed 2 and the third press turns it off. Which of the following series of state transitions below will provide 0-switch coverage?**

1. A,C,B
2. B,C,A
3. A,B,C
4. C,B,A
5. **White Box Techniques are also called as :-**
6. Structural Testing
7. Design Based Testing
8. Error Guessing Technique
9. Experience Based Technique
10. **What is an equivalence partition (also known as an equivalence class)?**
11. A set of test cases for testing classes of objects
12. An input or output range of values such that only one value in the range becomes a test case
13. An input or output range of values such that each value in the range becomes a test case
14. An input or output range of values such that every tenth value in the range becomes a test

case.

1. **The Test Cases Derived from use cases**
2. Are most useful in uncovering defects in the process flows during real world use of the

system

1. Are most useful in uncovering defects in the process flows during the testing use of the

system

1. Are most useful in covering the defects in the process flows during real world use of the

system

1. Are most useful in covering the defects at the Integration Level
2. **Exhaustive Testing is**
3. Is impractical but possible
4. Is practically possible
5. Is impractical and impossible
6. Is always possible
7. **Which of the following is not a part of the Test Implementation and Execution Phase**
8. Creating test suites from the test cases
9. Executing test cases either manually or by using test execution tools
10. Comparing actual results
11. Designing the Tests
12. **Which of the following techniques is NOT a White box technique**?
13. Statement Testing and coverage
14. Decision Testing and coverage
15. Condition Coverage
16. Boundary value analysis
17. **A Project risk includes which of the following :**
18. Organizational Factors
19. Poor Software characteristics
20. Error Prone software delivered.
21. Software that does not perform its intended functions
22. **In a risk-based approach the risks identified may be used to :**
23. **Determine the test technique to be employed**
24. **Determine the extent of testing to be carried out**
25. **Prioritize testing in an attempt to find critical defects as early as possible.**
26. **Determine the cost of the project**
27. ii is True; i, iii, iv & v are False
28. i,ii,iii are true and iv is false
29. ii & iii are True; i, iv are False
30. ii, iii & iv are True; i is false
31. **Which of the following is the task of a Tester?**
32. **Interaction with the Test Tool Vendor to identify best ways to leverage test tool on the project.**
33. **Prepare and acquire Test Data**
34. **Implement Tests on all test levels, execute and log the tests.**
35. **Create the Test Specifications**
36. i, ii, iii is true and iv is false
37. ii,iii,iv is true and i is false
38. i is true and ii,iii,iv are false
39. iii and iv is correct and i and ii are incorrect
40. **The Planning phase of a formal review includes the following :-**
41. Explaining the objectives
42. Selecting the personnel, allocating roles.
43. Follow up
44. Individual Meeting preparations
45. **A Person who documents all the issues, problems and open points that were identified during a formal review.**
46. Moderator.
47. Scribe
48. Author
49. Manager
50. **Who are the persons involved in a Formal Review :-**
51. **Manager**
52. **Moderator**
53. **Scribe / Recorder**
54. **Assistant Manager**
55. i,ii,iii,iv are true
56. i,ii,iii are true and iv is false.
57. ii,iii,iv are true and i is false.
58. i,iv are true and ii, iii are false.
59. **Which of the following is a Key Characteristics of Walk Through**
60. Scenario , Dry Run , Peer Group
61. Pre Meeting Preparations
62. Formal Follow Up Process
63. Includes Metrics
64. **What can static analysis NOT find?**
65. the use of a variable before it has been defined
66. unreachable (“dead”) code
67. memory leaks
68. array bound violations
69. **Incidents would not be raised against:**
70. requirements
71. documentation
72. test cases
73. improvements suggested by users
74. **A Type of functional Testing, which investigates the functions relating to detection of threats, such as virus from malicious outsiders.**
75. Security Testing
76. Recovery Testing
77. Performance Testing
78. Functionality Testing
79. **Which of the following is not a major task of Exit criteria?**
80. Checking test logs against the exit criteria specified in test planning.
81. Logging the outcome of test execution.
82. Assessing if more tests are needed.
83. Writing a test summary report for stakeholders.
84. **Testing where in we subject the target of the test , to varying workloads to measure and evaluate the performance behaviors and ability of the target and of the test to continue to function properly under these different workloads.**
85. Load Testing
86. Integration Testing
87. System Testing
88. Usability Testing
89. **Testing activity which is performed to expose defects in the interfaces and in the**

**interaction between integrated components is :-**

1. System Level Testing
2. Integration Level Testing
3. Unit Level Testing
4. Component Testing
5. **Static analysis is best described as:**
6. The analysis of batch programs.
7. The reviewing of test plans.
8. The analysis of program code.
9. The use of black box testing.
10. **One of the fields on a form contains a text box which accepts alpha numeric values. Identify the Valid Equivalence class**
11. BOOK
12. Book
13. Boo01k
14. book
15. **Reviewing the test Basis is a part of which phase**
16. Test Analysis and Design
17. Test Implementation and execution
18. Test Closure Activities
19. Evaluating exit criteria and reporting
20. **Reporting Discrepancies as incidents is a part of which phase :-**
21. Test Analysis and Design
22. Test Implementation and execution
23. Test Closure Activities
24. Evaluating exit criteria and reporting
25. **Which of the following items would not come under Configuration Management?**
26. operating systems
27. test documentation
28. live data
29. user requirement document
30. **Handover of Testware is a part of which Phase**
31. Test Analysis and Design
32. Test Planning and control
33. Test Closure Activities
34. Evaluating exit criteria and reporting
35. **The Switch is switched off once the temperature falls below 18 and then it is turned on when the temperature is more than 21. When the temperature is more than 21. Identify the Equivalance values which belong to the same class.**

a) 12,16,22

b) 24,27,17

c) 22,23,24

d) 14,15,19

**Answers:**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 b | 11 a | 21 a | 31 b |
| 2 a | 12 b | 22 b | 32 a |
| 3 b | 13 c | 23 b | 33 b |
| 4 a | 14 c | 24 b | 34 c |
| 5 c | 15 a | 25 b | 35 c |
| 6 a | 16 b | 26 b | 36 a |
| 7 b | 17 a | 27 a | 37 b |
| 8 a | 18 a | 28 c | 38 c |
| 9 a | 19 d | 29 d | 39 c |
| 10 c | 20 d | 30 a | 40 c |