EXAM 1 – ISTQB FOUNDATION

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# CHAPTER 1

**1. A test plan defines → chapter 5**

| **a** | **What is selected for testing** | | |
| --- | --- | --- | --- |
| **b** | **Objectives and results** | |  |
| **c** | **Expected results** | |  |
| **d** | **Targets and misses** | |  |

**2. Test planning should begin**

| a | At the same time that requirement definitions begins | | | | |
| --- | --- | --- | --- | --- | --- |
| b | When building starts | |  |  |  |
| c | When code build is complete | | |  |  |
| d | After shipping the first version | | |  |  |

**3. Risk analysis talks about**

| a | The data required for testing, the infrastructure requirements to manage the data as well as the methods for preparing test data, requirements, converters and sources | | | | | | | | | | | | |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| b | Details what types of tests must be conducted, what stages of testing are required and outlines the sequence and timing of tests | | | | | | | | | |  |  |  |  |  |
| c | A testing goal. It is a statement of what the tester is expected to accomplish or validate during a testing activity. These guide the development of test cases and procedures | | | | | | | | | | | | |  |  |
| d | None of the above | |  |  |  |  |  |  |  |  |  |  |  |  |  |

**4.The following defines the statement of what the tester is expected to**

**accomplish or validate during testing activity**

| a | Test scope |  |
| --- | --- | --- |
| b | Test objective | |
| c | Test environment | |
| d | None of the above | |

**5.One technique of Black Box testing is Equivalence Partitioning. In a program statement that accepts only one choice from among 10 possible choices, numbered 1 through 10, the middle partition would be from \_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_**

| a | 4 to 6 |  |
| --- | --- | --- |
| b | 0 to 10 |  |
| c | 1 to 10 |  |
| d | None of the above | |

**6. What are the 2 major components taken into consideration with risk analysis?**

| a | The probability the negative event will occur | | | |  |
| --- | --- | --- | --- | --- | --- |
| b | The potential loss of impact associated with the event | | | | |
| c | Both a and b | |  |  |  |
| d | Neither a nor b | |  |  |  |

**7. Following are some of the testing taks**

| **a** | **Budget, Test environment** | | |  |  |
| --- | --- | --- | --- | --- | --- |
| **b** | **Budget, Number of qualified test resources** | | | |  |
| **c** | **Budget, Number of qualified test resources, Test environment** | | | | |
| **d** | **None of the above** | |  |  |  |

**8. Cost of quality is**

| **a** | **Prevention costs** | |
| --- | --- | --- |
| **b** | **Appraisal costs** | |
| **c** | **Failure costs** | |
| **d** | **All of the above** | |

**9. Which of the following metrics involves defects reported by client**

| **a** | **Test efficiency** | |
| --- | --- | --- |
| **b** | **Test effectiveness** | |
| **c** | **Test Coverage** | |
| **d** | **None of the above** | |

**10. Security concerns are important for which type of applications.**

| **a** | **A product advertisement website** | | |
| --- | --- | --- | --- |
| **b** | **A requirements tracking database** | | |
| **c** | **An e-commerce website** | |  |
| **d** | **An employment application** | | |

**11. Testing responsiveness**

**Tester 1- Verify that the program is able to display images clearly on all 10 of the**

**monitors in the tab**

**Tester 2- Make sure the program instructions are easy to use Security concerns**

**are important for which type of applications.**

**Tester 3 – Verify that the calculation module works correctly by using both**

**scripts and ad hoc testing. Which term is used to refer to the testing that is**

**performed by**

**Tester 3 in the above scenario?**

| **a** | **Unit testing** | |
| --- | --- | --- |
| **b** | **Algorithm specific testing** | |
| **c** | **Compatibility testing** | |
| **d** | **Black box testing** | |

| **12.As a tester, what is your main objective in reviewing a requirement document?** |
| --- |

| **a** | **To ascertain that each requirement is traceable to a business need** | | | | | |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **b** | **To ascertain that each requirement is both testable and uniquely identifiable** | | | | | | |  |
| **c** | **To ascertain that each requirement is traceable to a business need, testable, and uniquely identifiable** | | | | | | | |
| **d** | **To ascertain that each requirement is uniquely identifiable** | | | | |  |  |  |

**13.What is the common limitation of automated testing?**

| **a** | **They are not useful for performance testing** | | | |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **b** | **They cannot be used for requirement validation** | | | |  |  |  |
| **c** | **It is very difficult for automated scripts to verify a wide range of application responses.** | | | | | | |
| **d** | **They are not useful when requirements are changing frequently** | | | | | |  |

**14.Formal testing guidelines suggest which one of the following as the correct**

**source of functional test cases?**

| **a** | **The developer’s knowledge of what the software can do** | | | | |
| --- | --- | --- | --- | --- | --- |
| **b** | **The software design** | |  |  |  |
| **c** | **The software requirements** | | |  |  |
| **d** | **The tester’s knowledge of what the software should do** | | | | |
| **e** | **The functional test procedures** | | |  |  |

**15.What is the concept of introducing a small change to the program and having**

**the effects of that change show up in some test?**

| **a** | **Desk checking** | |
| --- | --- | --- |
| **b** | **Debugging a program** | |
| **c** | **A mutation error** | |
| **d** | **Performance testing** | |
| **e** | **Introducing mutations** | |

**16.Test effort estimation uses which of the following techniques**

| **a** | **Function point method** | |
| --- | --- | --- |
| **b** | **Test case point method** | |
| **c** | **Use case point method** | |
| **d** | **All of the above** | |

**17.What is the verification process in software development?**

| **a** | **The probability that undesirable things will happen such as loss of human life or large financial losses** | | | | | | | |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **b** | **The process of monitoring the software to ensure full compliance with established standards and procedures** | | | | | | | | |  |  |  |  |  |
| **c** | **The process of trying to discover every conceivable fault of weakness in a work product.** | | | | | | |  |  |  |  |  |  |  |
| **d** | **The process of evaluating a system of component to determine whether or not the products of a given developement phase satisfy the conditions imposed at the start of that phase** | | | | | | | | | | | | | |
| **e** | **The process of evaluating a system or component during or at the end of the sales process to determine whether or not it satisfies specified requirements** | | | | | | | | | | | |  |  |

**18.From a testing perceptive, what results in the clicking of a button?**

| **a** | **An interface event** | |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **b** | **A sound** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **c** | **A text item** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **d** | **A bio-metric event** | |  |  |  |  |  |  |  |  |  |  |  |  |
| **e** | **An internal processing event** | | |  |  |  |  |  |  |  |  |  |  |  |

**19.Testing design mainly emphasizes all the following except**

| **a** | **Data planning** | |  |
| --- | --- | --- | --- |
| **b** | **Test procedures planning** | | |
| **c** | **Mapping the data and test cases** | | |
| **d** | **Data synchronisation** | |  |

**20.Which type of testing is performed to test applications across different**

**browsers and OS?**

| **a** | **Static testing** | |
| --- | --- | --- |
| **b** | **Performance testing** | |
| **c** | **Compatibility testing** | |
| **d** | **Functional testing** | |

**21.Which document helps you to track test coverage?**

| **a** | **Traceability Matrix** | |
| --- | --- | --- |
| **b** | **Test plan** |  |
| **c** | **Test log** |  |
| **d** | **Test summary report** | |

**22.Which type of test would you perform to accept a build**

| **a** | **Beta test** |  |
| --- | --- | --- |
| **b** | **Smoke test** |  |
| **c** | **Functional test** | |
| **d** | **User acceptance test** | |

**23.Detecting a defect at which of the following stage is most economical?**

| **a** | **Design** |
| --- | --- |
| **b** | **Build** |
| **c** | **Testing** |
| **d** | **Deployment** |

**24.If the application is complex, but NOT data intensive and is to be tested on one**

**configuration and 2 rounds, the easiest method to test is**

| **a** | **Manual testing** | |
| --- | --- | --- |
| **b** | **Automation testing** | |
| **c** | **Both** |  |
| **d** | **None** |  |

**25.Functional testing is mostly**

| **a** | **Validation techniques** | |
| --- | --- | --- |
| **b** | **Verification techniques** | |
| **c** | **Both of the above** | |
| **d** | **None of the above** | |

# CHAPTER 2

# CHAPTER 3

# CHAPTER 4

# CHAPTER 5

1. **What is not the primary data given by the tester in test execution (C5)**

| A | Total number of tests |
| --- | --- |
| B | Number of test cases written for change request |
| C | Number of test executed to date |
| D | Number of tests executed successfully to date |

# CHAPTER 6