EXAM 1 – ISTQB FOUNDATION

# Tăng tốc lên em nhé

# CHAPTER 1

Q.1. The \_\_\_\_ and\_\_\_\_ are used within individual workbenches to produce the right output products. → workbenches câu này hỏi về chương 5

| A | Tools and techniques |
| --- | --- |
| B | Procedures and standards |
| C | Processes and walkthroughs |
| D | Reviews and update |

Q.5. A \_\_\_\_ is the step-by-step method followed to ensure that standards are met

| A | SDLC |
| --- | --- |
| B | Project Plan |
| C | Policy |
| D | Procedure |

Q.11. Which of the following is the task of a Tester?

i. Interaction with the Test Tool Vendor to identify best ways to leverage test tool on the project.

ii. Prepare and acquire Test Data

iii. Implement Tests on all test levels, execute and log the tests.

iv. Create the Test Specifications

| A | i, ii, iii is true and iv is false |
| --- | --- |
| B | ii,iii,iv is true and i is false |
| C | i is true and ii,iii,iv are false |
| D | iii and iv is correct and i and ii are incorrect |

Q.14.Reviewing the test Basis is a part of which phase

| A | Test Analysis and Design |
| --- | --- |
| B | Test Implementation and execution |
| C | Test Closure Activities |
| D | Evaluating exit criteria and reporting |

Q.16.Which of the following is not a major task of Exit criteria?

| A | Checking test logs against the exit criteria specified in test planning. |
| --- | --- |
| B | Logging the outcome of test execution. |
| C | Assessing if more tests are needed. |
| D | Writing a test summary report for stakeholders. |

Q.23.Which of the following is not a part of the Test Implementation and Execution Phase

| A | Creating test suites from the test cases |
| --- | --- |
| B | Executing test cases either manually or by using test execution tools |
| C | Comparing actual results |
| D | Designing the Tests |

# CHAPTER 2

**Q.8.Which is the non-functional testing**

| A | Performance testing |
| --- | --- |
| B | Unit testing |
| C | Regression testing |
| D | Sanity testing |

**Q.9.A Test Plan Outline contains which of the following:**

**→ outline test plan chính là bố cục của tài liệu test plan, IEEE 829 là template phổ biến để biểu diễn test plan, em xem IEEE829 để trả lời câu hỏi này, → chapter 5**

| A | Test Items |
| --- | --- |
| B | Test Scripts |
| C | Test Deliverables |
| D | Responsibilities |

**Q. 10: 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.**

| A | Load Testing |
| --- | --- |
| B | Integration Testing |
| C | System Testing |
| D | Usability Testing |

**Q. 15: Component Testing is also called as :-**

**i. Unit Testing**

**ii. Program Testing iii. Module Testing**

**iv. System Component Testing .**

| A | i,ii,iii are true and iv is false |
| --- | --- |
| B | i,ii,iii,iv are false |
| C | i,ii,iv are true and iii is false |
| D | all of above is true |

**Q. 19: Testing activity which is performed to expose defects in the interfaces and in the interaction between integrated components is :**

| A | System Level Testing |
| --- | --- |
| B | Integration Level Testing |
| C | Unit Level Testing |
| D | Component Testing |

**Q. 20: Methodologies adopted while performing Maintenance Testing:-**

| A | Breadth Test and Depth Test |
| --- | --- |
| B | Re-testing |
| C | Confirmation Testing |
| D | Sanity Testing |

**Q. 24:Link Testing is also called as :**

| A | Component Integration testing |
| --- | --- |
| B | Component System Testing |
| C | Component Sub System Testing |
| D | Maintenance testing |

**Q. 27.Designing the test environment set-up and identifying any required infrastructure and tools are a part of which phase:**

| A | Test Implementation and execution |
| --- | --- |
| B | Test Analysis and Design |
| C | Evaluating the Exit Criteria and reporting |
| D | Test Closure Activities |

# CHAPTER 3

**Q.12.What can static analysis NOT find?**

| A | The use of a variable before it has been defined |
| --- | --- |
| B | Unreachable ("dead") code |
| C | Memory leaks |
| D | Array bound violations |

**Q.17.Which of the following is true about Formal Review or Inspection:-**

**i. Led by Trained Moderator (not the author).**

**ii. No Pre Meeting Preparations**

**iii. Formal Follow up process.**

**iv. Main Objective is to find defects**

| A | ii is true and i,iii,iv are false |
| --- | --- |
| B | 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 |

**Q.17.The Phases of formal review process is mentioned below arrange them in the correct order.**

**i. Planning**

**ii. Review Meeting**

**iii. Rework**

**iv. Individual Preparations**

**v. Kick Off**

**vi. Follow Up**

| A | i,ii,iii,iv,v,vi |
| --- | --- |
| B | vi,i,ii,iii,iv,v |
| C | i,v,iv,ii,iii,vi |
| D | i,ii,iii,v,iv,vi |

**Q.25. Who are the persons involved in a Formal Review :-**

**i. Manager**

**ii. Moderator**

**iii. Scribe / Recorder iv. Assistant Manager**

| A | i,ii,iii,iv are true |
| --- | --- |
| B | i,ii,iii are true and iv is false. |
| C | ii,iii,iv are true and i is false. |
| D | i,iv are true and ii, iii are false. |

**Q.26.Which of the following statements regarding static testing is false:**

| A | Static testing requires the running of tests through the code |
| --- | --- |
| B | Static testing includes desk checking |
| C | Static testing includes techniques such as reviews and inspections |
| D | Static testing can give measurements such as cyclomatic complexity |

# CHAPTER 4

**Q.3. The principle of Cyclomatic complexity, considering L as edges or links, N as nodes, P as independent paths**

**→ độ đo này xuất hiện trong cả phần phân tích mã nguồn Chương 3 và kiểm thử hộp trắng dựa trên control flow chương 4, trong giáo trình đáp án tìm được ở Chương 3**

| A | L-N +2P |
| --- | --- |
| B | N-L +2P |
| C | N-L +P |
| D | N-L +P |

**Q.13. White Box Techniques are also called as:**

| A | Structural Testing |
| --- | --- |
| B | Design Based Testin |
| C | Error Guessing Technique |
| D | Experience Based Technique |

**Q.21. 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 |

# CHAPTER 5

**Q.6. Which is not a test Oracle**

| A | The existing system (For a bench mark) |
| --- | --- |
| B | The code |
| C | Individual’s knowledge |
| D | User manual |

**Q.7.PDCA is known as**

| A | Plan, Do, Check, Act |
| --- | --- |
| B | Plan, Do, Correct, Act |
| C | Plan, Debug, Check, Act |
| D | Plan, Do, Check, Accept |

# CHAPTER 6

\*Q. 2: Which is not the software characteristics

A. Reliability

B. Usability

C. Scalability

D. Maintainability

\* Q. 22: What is an equivalence partition (also known as an equivalence class)?

A. A set of test cases for testing classes of objects

B. An input or output range of values such that only one value in the range becomes a test case

C. An input or output range of values such that each value in the range becomes a test case

D. An input or output range of values such that every tenth value in the range becomes a test case.