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Exam : **CTFL-001**

Title : ISTQB Certified Tester Foundation Level

Version : DEMO

1.You are about to release a test progress report to a senior manager, who is not a test specialist.Which of the following topics should NOT be included in the test progress report?
A.Product risks which have been mitigated and those which are outstanding.
B.Recommendations for taking controlling actions
C.Status compared against the started exit criteria
D.Detailed overview of the risk-based test approach being used to ensure the exit criteria to be achieved
Answer: D

2.Explain how the above mentioned report may differ from a report that you produce for the project manager, who is a test specialist Select TWO items from the following options that can be used to report to the project manager and would not be included in a report to senior management.
A.Show details on effort spent
B.List of all outstanding defects with their priority and severity
C.Give product risk status
D.Show trend analysis
E.State recommendations for release
Answer: A,B

3.Consider the typical objectives of testing.Which of the following metrics can be used to measure the effectiveness of the testing process in achieving one of those objectives?
A.Average number of days between defect discovery and resolution
B.Percentage of requirements covered
C.Lines of code written per developer per day
D.Percentage of test effort spent on regression testing
Answer: B

4.You have been given responsibility for the non-functional testing of a safety-critical monitoring & diagnostics package in the medical area.Which of the following would you least expect to see addressed in the test plan?
A.Availability
B.Safety
C.Portability
D.Reliability
Answer: C

5.Since the system is in the medical domain and therefore in the safety critical area, testing needs to be rigorous and evidence is required that the system has been adequately tested.Identify THREE measures that would typically be part of the test approach in this domain and which are not always applicable in other domains!
A.High level of documentation
B.Failure Mode and Effect Analysis (FMEA) sessions
C.Traceability to requirements
D.Non-functional testing
E.Master test planning

F.Test design techniques
G.Reviews
Answer: A,B,C

6.A test log is one of the documents that need to be produced in this domain in order to provide evidence of testing.However, the level of detail of test logs can vary.Which of the following is NOT an influencing factor for the level of detail of the test logs being produced?
A.Level of test execution automation
B.Test level
C.Regulatory requirements
D.Experience level of testers
Answer: D

7.Considerable attention will be given in this project to defining exit criteria and on reporting back on their status.Which combination of TWO exit criteria from the list would be best to use?
I.Total number of defects found
II.Percentage of test cases executed
III.Total test effort planned versus total actual test effort spent
IV.Defect trend (number of defects found per test run over time
A.(i) and (ii)
B.(i) and (iv)
C.(ii) and (iii)
D.(ii) and (iv)
Answer: D

8.Identify the THREE types of formal peer reviews that can be recognized.
A.Inspection
B.Management review
C.Walkthrough
D.Audit
E.Technical review
F.Informal review
G.Assessment
Answer: A,C,E

9.As part of the improvement program, the organization is also looking at tool support.Which type of tool could be used to ensure higher quality of the code to be reviewed?
A.Review tool
B.Test execution tool
C.Static analysis tool
D.Test design tool
Answer: C

10.What is the main reason why reviews are especially beneficial in the above-mentioned scenario?

A.They ensure a common understanding of the product.
B.They find defects early.
C.They enhance project communication.
D.They can be performed without exercising the code.
Answer: D

11.The introduction of reviews and inspections has often failed as a process improvement action.Identify the THREE most important measures that should be taken to reduce the risk that this test process improvement will fail. (for 2 out of 3 correct)
A.Process ownership and experienced moderators who drive the inspection process.
B.Management support
C.Training of those involved
D.The availability of stands and processes
E.Usage of a more traditional software development lifecycle
F.Alignment with software process improvement
G.Using a reference model, e.g.TMMi
Answer: A,B,C

12.IEEE 1028 also defines “management review” as a type of review.What is the main purpose of a management review?
A.Align technical concepts during the design phase
B.Establish a common understanding of requirements
C.Provide independent evaluation of compliance to processes, regulations, standards etc.
D.To monitor progress, assess the status of a project, and make decisions about future actions
Answer: D

13.Which of the following is an example of testing as part of the requirements specification phase?
A.A requirements review meeting
B.A business analyst eliciting requirements
C.Performing acceptance tests against requirements
D.A test report showing requirements coverage
Answer: A

14.Select THREE issues from the options provided that should at least be raised.
A.Has there been sufficient comparison of tools?
B.What are the problems we are trying to address?
C.Do we have a set of tool requirements to validate the tool against?
D.How will the implementation be organized?
E.Which project will be selected to perform the tool pilot?
F.Is customized training available?
G.How will the change process be managed?
Answer: A,B,C

15.Which of the following would you least expect to form part of the analysis of initial tool costs?

A.Integration with other tools
B.Learning time required to use the new tool
C.Tool portability
D.Evaluation of suitable tools
Answer: C

16.Which of the following are valid reasons for adopting a different life cycle (from the V model), for increments after the first year?
i.We do not have a clear understanding of the requirements from a customer perspective.
ii.We see the risk of delivering requested functionality late as being higher than the risk of delivering a lower quality product.
iii.We do not have a budget for additional regression testing which is needed to ensure that existing functionality is not compromised by future iterations.
iv.The company test strategy does not fit well within the V life cycle model.
A.(i) and (ii)
B.(i) and (iv)
C.(ii) and (iii)
D.(ii) and (iv)
Answer: A

17.Which of the following is a characteristic of good testing in any life cycle model?
A.Analysis and design of tests begins as soon as development is completed.
B.Some, but not all, development activities have corresponding test activities.
C.Each test level has test objectives specific to that level.
D.All document reviews involve the development team.
Answer: C

18.Which of the following would you expect to see in the master test plan?
A.A description of how the test cases are cross-referenced to requirements in the test management tool.
B.A detailed identification of the resources that will carry out structural testing in the first iteration.
C.The test approach that will be applied at system integration testing.
D.A list of the names of the testers who will carry out the performance testing for the final iteration.
Answer: C

19.Which of the following would be the most significant input to estimating the time to carry out the specified testing tasks?
A.The skills and experience of developers to correct the failures.
B.The standards used for the requirements specification.
C.The metrics recorded from testing the capture-replay tool.
D.The number of testers in the company and their grade.
Answer: C

20.Which of the following would be the TWO most appropriate examples of entry criteria documented in the system integration test plan?

A.The percentage of decision coverage achieved during unit testing.
B.The availability of the latest version of the capture-replay tool (for testing the interface with the newly developed test management tool).
C.The sign-off of a performance test software release note (test item transmittal report) by both development and testing showing that system performance meets the specified acceptance criteria.
D.The percentage of acceptance test procedures scheduled for execution.
E.The percentage of requirements coverage achieved during system integration test.
Answer: A,B