**ISTQB Certification Exam-Sample Papers Q. 301 to 310**

**Q. 301: Cost of the reviews will not include.**

A. Review process itself   
B. Metrics analysis   
C. Tool support.   
D. Process improvement.

**<<<<<< =================== >>>>>>**

**Q. 302: Regression testing always involves**

A. Testing whether a known software fault been fixed.   
B. Executing a large number of different tests.   
C. Testing whether modifications have introduced adverse side effects.   
D. Using a test automation tool.

**<<<<<< =================== >>>>>>**

**Q. 303: Capture and replay facilities are least likely to be used to \_\_\_\_\_\_\_**

A. Performance testing   
B. Recovery testing   
C. GUI testing   
D. User requirements.

**<<<<<< =================== >>>>>>**

**Q. 304: Which tool will be used to test the flag memory leaks and unassigned pointers**

A. Dynamic analysis tool   
B. Static Analysis tool.   
C. Maintenance tool.   
D. Configuration tool.

**<<<<<< =================== >>>>>>**

**Q. 305: Cyclomatic complexity is used to calculate**

A. Number of independent paths in the basis set of a program   
B. Number of binary decisions + 1   
C. Number bound for the number of tests that must be conducted to ensure that all statements have been executed at least once   
D. Number of branches and decisions

**<<<<<< =================== >>>>>>**

**Q. 306: Which of the following is not included in Test Plan.**

A. Features to be tested.   
B. Environmental needs.   
C. Suspension criteria.   
D. Expected results.

**<<<<<< =================== >>>>>>**

**Q. 307: Software quality is not relevant to \_\_\_\_\_\_\_**

A. Correctness   
B. Usability   
C. Viability   
D. Reusability.

**<<<<<< =================== >>>>>>**

**Q. 308: Match the following:**

1. Test estimation   
2. Test control   
3. Test monitoring   
  
a. Measures of tracking process   
b. Effort required to perform activities   
c. Reallocation of resources   
  
A. 1-b, 2-c, 3-a   
B. 1-b, 2-a, 3-c   
C. 1-c, 2-a, 3-b   
D. 1-a, 2-b, 3-c

**<<<<<< =================== >>>>>>**

**Q. 309: When do you stop testing?**

A. When the specified number of faults are found.   
B. When the test completion criteria are met.   
C. When all high and medium priority tests are complete.   
D. When all statements have been executed

**<<<<<< =================== >>>>>>**

**Q. 310: What is the smallest number of test cases required to Provide 100% branch coverage?**

If(x>y) x=x+1;   
else y=y+1;   
while(x>y)   
{   
y=x\*y; x=x+1;   
}

A. 1   
B. 2   
C. 3   
D. 4

[**ISTQB Certification Exam-Sample Papers Q. 311 to 320**](http://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-311-to-320)

**Q. 311: Match the following.**

1. Configuration identification   
2. Configuration control   
3. Status reporting   
4. Configuration auditing

a. Maintains of CI’s in a library   
b. Checks on the contents of the library   
c. Function recording and tracking problems.   
d. Requires the all CI’s and their versions in the system are known

A. 1-d, 2-c, 3-d, 4-a.   
B. 1-d, 2-a, 3-c, 4-b.   
C. 1-a, 2-b, 3-d, 4-c.   
D. 1-c, 2-b, 3-a, 4-d.

**<<<<<< =================== >>>>>>**

**Q. 312: Integration testing in the large involves:**

A. Testing the system when combined with other systems.   
B. Testing a sub-system using stubs and drivers.   
C. Testing a system with a large number of users.   
D. Combing software components and testing them in one go.

**<<<<<< =================== >>>>>>**

**Q. 313: How  are  error  guessing  and  exploratory  testing  similar?**

A. Both  are  widely  used formal  techniques  
B. Both  are  white-box  test  design  techniques  
C. Both  are  experience-based  testing  
D. Both  are  effective  at  all  testing  levels

**<<<<<< =================== >>>>>>**

**Q. 314: What  technique  would be  MOST  appropriate  to  check  status  changes  based  on  certain  events?**

A. State  transition  
B. Equivalence  partitioning  
C. Boundary  value  analysis  
D. Decision  table

**<<<<<< =================== >>>>>>**

**Q. 315: In a  formal  review,  who  is  primarily  responsible  for  the  documents  to  be  reviewed?**

A. Author   
B. Manager   
C. Moderator   
D. Reviewers

**<<<<<< =================== >>>>>>**

**Q. 316: What type of testing will you perform on internet banking solution?**

A. System integration   
B. Functional testing   
C. Non-functional testing.   
D. Requirements testing

**<<<<<< =================== >>>>>>**

**Q. 317: Which of the following are false?**

A. Incidents should always be investigated and resolved.   
B. Incidents occur when expected and actual results differ.   
C. Incidents can be analyzed to assist in test process improvement.   
D. An incident can be raised against documentation.

**<<<<<< =================== >>>>>>**

**Q. 318: Testing is not done to \_\_\_\_\_\_**

A. Find faults   
B. Improve quality   
C. Check user friendliness.   
D. Improve software accuracy

**<<<<<< =================== >>>>>>**

**Q. 319: A field failure occurs when multiple users access a system. Which of the following is true?**

A. This is an acceptable risk of a multi-user system.   
B. Insufficient functional testing has been performed.   
C. This indicates an important non-functional requirement was not specified and tested.   
D. It is not possible to test against such events prior to release.

**<<<<<< =================== >>>>>>**

**Q. 320: People who don’t participate in technical reviews**

A. Analysts   
B. Management   
C. Developers   
D. Testers

**ISTQB Certification Exam-Sample Papers Q. 321 to 330**

**Q. 321: What is failure?**

A. Deviation from expected result to actual result   
B. Defect in the software.   
C. Error in the program code.   
D. Fault in the system.

**<<<<<< =================== >>>>>>**

**Q. 322: Which  test  support  tool  can  be  used  to  enforce  coding  standards?**

A. Static  analysis  tool   
B. Performance  testing  tool   
C. Test  comparator  
D. Test  management  tool

**<<<<<< =================== >>>>>>**

**Q. 323: Which of the following is least important in test management?**

A. Estimating test duration.   
B. Incident Management.   
C. Configuration Management.   
D. De-bugging.

**<<<<<< =================== >>>>>>**

**Q. 324: A standard for software testing terminology is:**

A. IEEE 802.11   
B. ISO 9001   
C. BS 7925-1   
D. BS 7925-2

**<<<<<< =================== >>>>>>**

**Q. 325: Which of the following is NOT a characteristic of User Acceptance Testing?**

A. Use of automated test execution tools.   
B. Testing performed by users.   
C. Testing against acceptance test criteria.   
D. Integration of system with user documentation.

**<<<<<< =================== >>>>>>**

**Q. 326: Which of the following provides the biggest potential cost saving from use of CAST?**

A. Test management   
B. Test design   
C. Test planning   
D. Test execution

**<<<<<< =================== >>>>>>**

**Q. 327: What type of testing is done to supplement the rigorous testing?**

A. Regression testing.   
B. Integration testing.   
C. Error Guessing   
D. System testing.

**<<<<<< =================== >>>>>>**

**Q. 328: To make a test effective it is most important that:**

A. It is easy to execute.   
B. It is designed to detect faults if present.   
C. The expected outcome is specified before execution.   
D. It is unlikely to delay progress.

**<<<<<< =================== >>>>>>**

**Q. 329: Error guessing is:**

A. An appropriate way of deriving system tests.  
B. Only used if good requirements are not available.   
C. Only used when good requirements are available.   
D. The most appropriate way of deriving system tests.

**<<<<<< =================== >>>>>>**

**Q. 330: Amount of testing performed will not depend on**

A. Risks involved   
B. Contractual requirements   
C. Legal requirements  
D. Test data.

**ISTQB Certification Exam-Sample Papers Q. 331 to 340**

**Q. 331: For software to be reliable it must:**

A. Be easy to maintain.   
B. Be unlikely to cause a failure.   
C. Never fail under any circumstances.   
D. Be written according to coding standards

**<<<<<< =================== >>>>>>**

**Q. 332: Which  test  design  techniques  should a  tester  use  to  respectively  achieve  the  following:**(a) Check  the  documented  features  of the  system,   
(b) ensure  100 % decision c overage, and   
(c) detect  likely  defects  and  distribution?

A. Specification-based, data driven testing, and defect  density  techniques  
B. Specification-based, branch  coverage, and  exploratory  techniques  
C. Structure-based, equivalence  partitioning, and exploratory  techniques  
D. Specification-based, structure-based, and experience-based  techniques

**<<<<<< =================== >>>>>>**

**Q. 333: Faults found by users are due to:**

A. Poor quality software  
B. Poor software and poor testing  
C. Bad luck  
D. Insufficient time for testing

**<<<<<< =================== >>>>>>**

**Q. 334: An incident logging system**

A. Only records defects  
B. Is of limited value  
C. Is a valuable source of project information during testing if it contains all incidents  
D. Should be used only by the test team.

**<<<<<< =================== >>>>>>**

**Q. 335: The later in the development life cycle a fault is discovered, the more expensive it is to fix. Why?**

A. The documentation is poor, so it takes longer to find out what the software is doing.  
B. Wages are rising  
C. The fault has been built into more documentation,code,tests, etc  
D. None of the above

**<<<<<< =================== >>>>>>**

**Q. 336: Which  set  of  test  data  demonstrates  equivalence  partitioning  to  check  whether a customer  is  a  teenager  or not?**

A. 10, 15 and 19 years  
B. 13, 19 and 25 years  
C. 13, 16 and 19 years  
D. 12, 13 and 20 years

**<<<<<< =================== >>>>>>**

**Q. 337: Which  technique  if  OFTEN  considered  as  an  extension  of  equivalence  partitioning?**

A. Decision  table  testing  
B. State  transition  testing  
C. Use  case  testing  
D. Boundary  value  analysis

**<<<<<< =================== >>>>>>**

**Q. 338: Software testing activities should start**

A. As soon as the code is written  
B. During the design stage  
C. When the requirements have been formally documented  
D. As soon as possible in the development life cycle

**<<<<<< =================== >>>>>>**

**Q. 339: A company by the name Software Testing Genius Inc. decides to use functional test execution automation tool for testing GUI of their product. The GUI is expected to change frequently. Software Testing Genius Inc. has put some of the manual testers through a 3-day training program on how to use the tool. Which of the following is likely to be true?**

A. Automation is likely to fail because of frequent changes and lack of experience  
B. Automation is likely to fail because of GUI automation is not the right way to automate  
C. Automation is likely to succeed because automation is very useful for frequent changes  
D. Automation is likely to succeed because the team has been trained on tool.

**<<<<<< =================== >>>>>>**

**Q. 340: A test design technique is**

A. A process for selecting test cases  
B. A process for determining expected outputs  
C. A way to measure the quality of software  
D. A way to measure in a test plan what has to be done

**ISTQB Certification Exam-Sample Papers Q. 341 to 350**

**Q. 341: What is the main reason for testing software before releasing it?**

A. To show that system will work after release  
B. To decide when the software is of sufficient quality to release  
C. To find as many bugs as possible before release  
D. To give information for a risk based decision about release

**<<<<<< =================== >>>>>>**

**Q. 342: Testware(test cases, test dataset)**

A. Needs configuration management just like requirements, design and code  
B. Should be newly constructed for each new version of the software  
C. Is needed only until the software is released into production or use  
D. Does not need to be documented and commented, as it does not form part of the released software system

**<<<<<< =================== >>>>>>**

**Q. 343: Which of the following is NOT a standard related to testing?**

A. IEEE829  
B. IEEE610  
C. BS7925-1  
D. BS7925-2

**<<<<<< =================== >>>>>>**

**Q. 344: Based  on  the IEEE  Standard  for  Software  Test  Documentation (IEEE  Std  829-1998), which of  the  following  sections  are part  of the  test  summary  report?**a) Test  summary  and  report  identifier   
b) Comprehensive  assessment   
c) Summary  of  results   
d) Evaluation  
e) Observers   
f) Approvals

A. a, b, c, d and e  
B. a, b, c, e and f  
C. a, c, d, e and f  
D. a, b, c, d and f

**<<<<<< =================== >>>>>>**

**Q. 345: What  analysis  determines  which  parts of  the  software  have  been  executed?**

A. Impact analysis   
B. Code coverage   
C. Gap analysts  
D. Cyclomatic complexity

**<<<<<< =================== >>>>>>**

**Q. 346: Which of the following is not the integration strategy?**

A. Design based  
B. Big-bang  
C. Bottom-up  
D. Top-down  
  
**<<<<<< =================== >>>>>>**

**Q. 347: Which of the following tools would you use to detect a memory leak?**

A. State analysis  
B. Coverage analysis  
C. Dynamic analysis  
D. Memory analysis

**<<<<<< =================== >>>>>>**

**Q. 348: Which of the following statements are true?**

A. Faults in program specifications are the most expensive to fix.  
B. Faults in code are the most expensive to fix.  
C. Faults in requirements are the most expensive to fix  
D. Faults in designs are the most expensive to fix.

**<<<<<< =================== >>>>>>**

**Q. 349: Increasing the quality of the software, by better development methods, will affect the time needed for testing (the test phases) by:**

A. Reducing test time  
B. No change  
C. Increasing test time  
D. Can’t say  
  
**<<<<<< =================== >>>>>>**

**Q. 350: Which of the following is a black box design technique?**

A. Statement testing  
B. Equivalence partitioning  
C. Error- guessing  
D. Usability testing

**ISTQB Certification Exam-Sample Papers Q. 351 to 360**

**Q. 351: When reporting faults found to developers, testers should be:**

A. As polite, constructive and helpful as possible  
B. Firm about insisting that a bug is not a "feature" if it should be fixed  
C. Diplomatic, sensitive to the way they may react to criticism  
D. All of the above

**<<<<<< =================== >>>>>>**

**Q. 352: Which of the following statements is not true**

A. Performance testing can be done during unit testing as well as during the testing of whole system  
B. The acceptance test does not necessarily include a regression test  
C. Verification activities should not involve testers (reviews, inspections etc)  
D. Test environments should be as similar to production environments as possible

**<<<<<< =================== >>>>>>**

**Q. 353: Which  test  may  OPTIONALLY  be  included  in  the  common  type  of  the  V-model?**

A. Component  (unit) testing  
B. Acceptance  testing  
C. System  integration  testing   
D. Validation  and  verification

**<<<<<< =================== >>>>>>**

**Q. 354: When should you stop testing?**

A. When time for testing has run out.  
B. When all planned tests have been run  
C. When the test completion criteria have been met  
D. When no faults have been found by the tests run

**<<<<<< =================== >>>>>>**

**Q. 355: Coverage measurement**

A. Is nothing to do with testing  
B. Is a partial measure of test thoroughness  
C. Branch coverage should be mandatory for all software  
D. Can only be applied at unit or module testing, not at system testing

**<<<<<< =================== >>>>>>**

**Q. 356: Which of the following is NOT a type of non-functional test?**

A. State-Transition  
B. Usability  
C. Performance  
D. Security

**<<<<<< =================== >>>>>>**

**Q. 357: Which of the following is the component test standard?**

A. IEEE 829  
B. IEEE 610  
C. BS7925-1  
D. BS7925-2

**<<<<<< =================== >>>>>>**

**Q. 358: A program validates a numeric field as follows:**

Values less than 10 are rejected, values between 10 and 21 are accepted, values greater than or equal to 22 are rejected. Which of the following input values cover all of the equivalence partitions?

A. 10,11,21  
B. 3,20,21  
C. 3,10,22  
D. 10,21,22

**<<<<<< =================== >>>>>>**

**Q. 359: Which  of  the  following  are  KEY  tasks  of  a  test  leader?**i. Understanding  the  project  risks  
ii. Measuring  performance  of  components  
iii. Scheduling  tests  and  other  activities  
iv. Using  monitoring  tools  as  needed

A. i and iii  
B. i and ii  
C. iii and iv   
D. ii and iii

**<<<<<< =================== >>>>>>**

**Q. 360: Which of the following is a static test?**

A. Code inspection  
B. Coverage analysis  
C. Usability assessment  
D. Installation test

**ISTQB Certification Exam-Sample Papers Q. 361 to 370**

**Q. 361: A program with high cyclometic complexity is almost likely to be:**

A. Large  
B. Small  
C. Difficult to write  
D. Difficult to test

**<<<<<< =================== >>>>>>**

**Q. 362: Which of the following is the odd one out?**

A. White box  
B. Glass box  
C. Structural  
D. Functional

**<<<<<< =================== >>>>>>**

**Q. 363: Which of the following techniques are black box techniques?**

A. State transition testing, code testing, agile testing  
B. Equivalence partitioning, state transition testing, decision table testing  
C. System testing, acceptance testing, equivalence partitioning  
D. System integration testing, system testing, decision table testing

**<<<<<< =================== >>>>>>**

**Q. 364: What  is  the  KEY  difference  between  black-box  and  white-box  testing?**

A. Black-box  is  functional; white-box  is  structural  
B. Black-box  is  functional; white-box  is  non-functional  
C. Black-box  has  a wider  statement coverage  than  white-box  
D. Black-box  can  only be  performed  after  white-box

**<<<<<< =================== >>>>>>**

**Q. 365: What  technique  captures  system  requirements  that  contain  logical  conditions?**

A. Boundary  value   
B. Equivalence  partition   
C. Decision  table  
D. State  transition

**<<<<<< =================== >>>>>>**

**Q. 366: What makes an inspection different from other review types?**

A. It is led by a trained leader, uses formal entry and exit criteria and checklists  
B. It is led by the author of the document to be inspected  
C. It can only be used for reviewing design and code  
D. It is led by the author, uses checklists, and collects data for improvement

**<<<<<< =================== >>>>>>**

**Q. 367: Why does the boundary value analysis provide good test cases?**

A. Because it is an industry standard

B. Because errors are frequently made during programming of the different cases near the ‘edges’ of the range of values

C. Because only equivalence classes that are equal from a functional point of view are considered in the test cases

D. Because the test object is tested under maximal load up to its performance limits

**<<<<<< =================== >>>>>>**

**Q. 368: If a program is tested and 100% branch coverage is achieved, which of the following coverage criteria is then guaranteed to be achieved?**

A. 100% Equivalence class coverage  
B. 100% Condition coverage and 100% Statement coverage  
C. 100% Statement coverage  
D. 100% Multiple condition coverage

**<<<<<< =================== >>>>>>**

**Q. 369: A defect management system shall keep track of the status of every defect registered and enforce the rules about changing these states. If your task is to test the status tracking, which method would be best?**

A. Logic-based testing  
B. Use-case-based testing  
C. State transition testing  
D. Systematic testing according to the V-model

**<<<<<< =================== >>>>>>**

**Q. 370: In system testing...**

A. Both functional and non-functional requirements are to be tested  
B. Only functional requirements are tested; non-functional requirements are validated in a review  
C. Only non-functional requirements are tested; functional requirements are validated in a review  
D. Only requirements which are listed in the specification document are to be tested

**ISTQB Certification Exam-Sample Papers Q. 371 to 380**

**Q. 371: Integration testing has following characteristics**

I. It can be done in incremental manner  
II. It is always done after system testing  
III. It includes functional tests  
IV. It includes non-functional tests

A. I, II and III are correct  
B. I is correct  
C. I, III and IV are correct

**<<<<<< =================== >>>>>>**

**Q. 372: Which of the following activities differentiate a walkthrough from a formal review?**

A. A walkthrough does not follow a defined process  
B. For a walkthrough individual preparation by the reviewers is optional  
C. A walkthrough requires meeting  
D. A walkthrough finds the causes of failures, while formal review finds the failures

**<<<<<< =================== >>>>>>**

**Q. 373: Why is testing necessary?**

A. Because testing is good method to make there are not defects in the software

B. Because verification and validation are not enough to get to know the quality of the software

C. Because testing measures the quality of the software system and helps to increase the quality

D. Because testing finds more defects than reviews and inspections.

**<<<<<< =================== >>>>>>**

**Q. 374: In foundation level syllabus you will find the main basic principles of testing. Which of the following sentences describes one of these basic principles?**

A. Complete testing of software is attainable if you have enough resources and test tools

B. With automated testing you can make statements with more confidence about the quality of a product than with manual testing

C. For a software system, it is not possible, under normal conditions, to test all input and output combinations.

D. A goal of testing is to show that the software is defect free.

**<<<<<< =================== >>>>>>**

**Q. 375: Which of the following is true**

A. Testing is the same as quality assurance  
B. Testing is a part of quality assurance  
C. Testing is not a part of quality assurance  
D. Testing is same as debugging

**<<<<<< =================== >>>>>>**

**Q. 376: This part of a program is given:**

WHILE (condition A) Do B  
END WHILE  
How many decisions should be tested in this code in order to achieve 100% decision coverage?

A. 2  
B. Indefinite  
C. 1  
D. 4

**<<<<<< =================== >>>>>>**

**Q. 377: In a flight reservation system, the number of available seats in each plane model is an input. A plane may have any positive number of available seats, up to the given capacity of the plane. Using Boundary Value analysis, a list of available – seat values were generated. Which of the following lists is correct?**

A. 1, 2, capacity -1, capacity, capacity plus 1  
B. 0, 1, capacity, capacity plus 1  
C. 0, 1, 2, capacity plus 1, a very large number  
D. 0, 1, 10, 100, capacity, capacity plus one

**<<<<<< =================== >>>>>>**

**Q. 378: Which of the following is a valid collection of equivalence classes for the following problem: An integer field shall contain values from and including 1 to and including 15**

A. Less than 1, 1 through 15, more than 15  
B. Negative numbers, 1 through 15, above 15  
C. Less than 1, 1 through 14, more than 15  
D. Less than 0, 1 through 14, 15 and more

**<<<<<< =================== >>>>>>**

**Q. 379: Which of the following is correct about static analysis tools**

A. They help you find defects rather than failures  
B. They are used by developers only  
C. They require compilation of code  
D. They are useful only for regulated industries

**<<<<<< =================== >>>>>>**

**Q. 380: Which of the following is most often considered as components interface bug?**

A. For two components exchanging data, one component used metric units, the other one used British units

B. The system is difficult to use due to a too complicated terminal input structure

C. The messages for user input errors are misleading and not helpful for understanding the input error cause

D. Under high load, the system does not provide enough open ports to connect to

**ISTQB Certification Exam-Sample Papers Q. 381 to 390**

**Q. 381: Which of the following is correct about static analysis tools?**

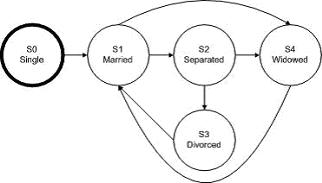
A. Static analysis tools are used only by developers  
B. Compilers may offer some support for static analysis  
C. Static analysis tools help find failures rather than defects  
D. Static analysis tools require execution of the code to analyze the coverage  
 **<<<<<< =================== >>>>>>**

**Q. 382: Which of the following list contains only non-functional tests?**

A. Interoperability (compatibility) testing, reliability testing, performance testing  
B. System testing, performance testing  
C. Load testing, stress testing, component testing, portability testing  
D. Testing various configurations, beta testing, load testing

**<<<<<< =================== >>>>>>**

**Q. 383: Without  testing  all  possible  transitions, which  test  suite  will  test  all  marital  statuses?**

  
  
A. SO-S1-S2-S4-S1-S4   
B. SO-S1-S2-S3-S1-S2   
C. SO-S1-S4-S1-S2-S3   
D. SO-S1-S2-S3-S4-S1

**<<<<<< =================== >>>>>>**

**Q. 384: What test items should be put under configuration management?**

A. The test object, the test material and the test environment  
B. The problem reports and the test material  
C. Only the test object. The test cases need to be adapted during agile testing  
D. The test object and the test material

**<<<<<< =================== >>>>>>**

**Q. 385: This part of a program is given:**

WHILE (condition A)   
Do B  
END WHILE  
  
How many paths should be tested in this code in order to achieve 100% path coverage?

A. One  
B. Indefinite  
C. Two  
D. Four

**<<<<<< =================== >>>>>>**

**Q. 386: What is the purpose of test exit criteria in the test plan?**

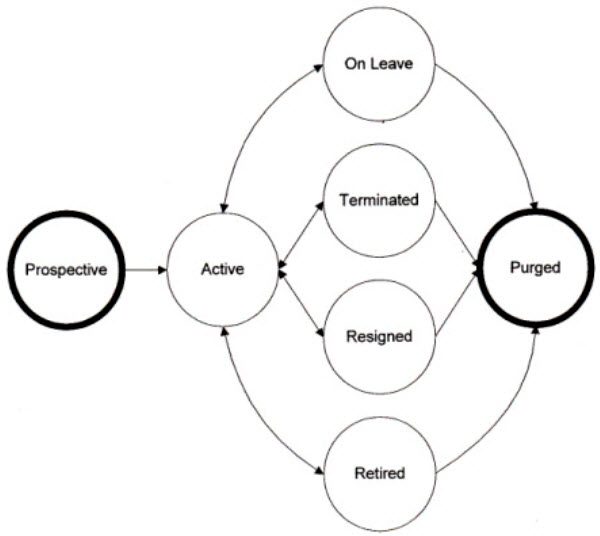
A. To specify when to stop the testing activity  
B. To set the criteria used in generating test inputs  
C. To ensure that the test case specification is complete  
D. To know when a specific test has finished its execution

**<<<<<< =================== >>>>>>**

**Q. 387:If a program is tested and 100% condition coverage is achieved, which of the following coverage criteria is then guaranteed to be achieved?**

A. 100% branch coverage  
B. 100% condition coverage and 100% statement coverage  
C. Equivalence class and boundary value coverage  
D. No other white box coverage criterion is guaranteed to be fulfilled 100%

**<<<<<< =================== >>>>>>**

**Q. 388: Using  the  diagram  below, which  test  suite  will  uncover  invalid  state  transitions  for employee  status  reporting  software?**  
  
A. Prospective - Active - Resigned - Active - Terminated - Purged  
B. Prospective - Active - On Leave - Active - Resigned - Retired  
C. Prospective - Active - Retired - Active - On Leave - Purged  
D. Prospective - Active - On Leave - Active - Retired - Active

**<<<<<< =================== >>>>>>**

**Q. 389: Which  test  approaches  or  strategies  are  characterized  by  the  descriptions  below?**S. Analytical  approaches   
T. Model-based  approaches   
U. Methodical  approaches   
V. Consultative  approaches

1. Relies  on  guidelines  from  domain  experts  
2. Includes  error  guessing and  fault-attacks  
3. Uses  statistical  information  about  failure  rates  
4. Focuses  on  areas  of  greatest  risk  
  
A. S4, T3, U2, V1   
B. S1, T2, U3, V4   
C. S2, T3, U1, V4   
D. S3, T4, U2, V1

**<<<<<< =================== >>>>>>**

**Q. 390: Which of the following statements is correct?**

A. Static analysis tools produce statistics during program execution

B. Configuration management systems allow us to provide accurate defect statistics of different configurations

C. Stress testing tools examine the behavior of the test object at or beyond full load

D. Performance measurement tools can be used in all phases of software life-cycle

**ISTQB Certification Exam-Sample Papers Q. 391 to 400**

**Q. 391: Which of the following project inputs influence testing?**

(I) Contractual requirements  
(II) Legal requirements(III) Industry standards  
(IV) Application risk  
(V) Project size

A. (I) through (III) are correct  
B. All alternatives are correct  
C. (II) and (V) are correct  
D. (I), (III) and (V) are correct

**<<<<<< =================== >>>>>>**

**Q. 392: Which  of  the  following  are  USUALLY  stated  as  testing  objectives?**

I. Finding  defects  in the  software  
II. Reducing  maintenance  costs  
II. Confirming  that  the  system  works  
IV. Assessing  the  quality  of the  software  
V. Meeting  schedule  milestones

A. I and II  
B. I, III; and IV  
C. II, IV, and V  
D. III and IV

**<<<<<< =================== >>>>>>**

**Q. 393: Maintenance testing is:**

A. Testing management  
B. Synonym of testing the quality of service  
C. Triggered by modifications, migration or retirement of existing software  
D. Testing the level of maintenance by the vendor

**<<<<<< =================== >>>>>>**

**Q. 394: Why is incremental integration preferred over "big bang" integration?**

A. Because incremental integration has better early defects screening and isolation ability  
B. Because "big bang" integration is suitable only for real time applications  
C. Incremental integration is preferred over "Big Bang Integration" only for "bottom up" development model  
D. Because incremental integration can compensate for weak and inadequate component testing

**<<<<<< =================== >>>>>>**

**Q. 395: V-Model is:**

A. A software development model that illustrates how testing activities integrate with software development phases  
B. A software life-cycle model that is not relevant for testing  
C. The official software development and testing life-cycle model of ISTQB  
D. A testing life cycle model including unit, integration, system and acceptance phases

**<<<<<< =================== >>>>>>**

**Q. 396: Which of the following items need not to be given in an incident report?**

A. The version number of the test object  
B. Test data and used environment  
C. Identification of the test case that failed  
D. The location and instructions on how to correct the fault

**<<<<<< =================== >>>>>>**

**Q. 397: Who  should  be  responsible  for  coordinating  the  test  strategy  with  the  project  manager and  others?**

A. Tester   
B. Developer   
C. Customer   
D. Test  leader

**<<<<<< =================== >>>>>>**

**Q. 398: Acceptance testing means**

A. Testing performed on a single stand – alone module or unit of code  
B. Testing after changes have been made to ensure that no unwanted changes were introduced  
C. Testing to ensure that the system meets the needs of the organization and end user.  
D. Users test the application in the developers environment

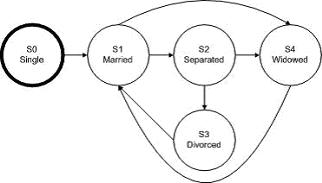
**<<<<<< =================== >>>>>>**

**Q. 399: The \_\_\_\_\_\_\_ testing should include operational tests of the new environment as well as of the changed software**

A. System Testing  
B. Integration testing  
C. Component testing  
D. Maintenance testing

**<<<<<< =================== >>>>>>**

**Q. 400: Using  the  diagram  below,  which  test  suite  will  check  for  ALL  valid  state  transitions  using  the  LEAST  effort?**



A. SO-S1-S2-S4-S1-S4-S1-S2-S3-S1   
B. SO-S1-S2-S4-S1-S2-S3-S1  
C. SO-S1-S4-S1-S2-S3-S1  
D. SO-S1-S2-S4-S1-S4-S1-S2-S3