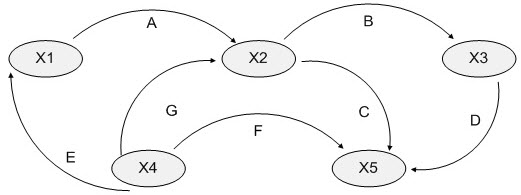
**Q. 1: How   many   test   cases   are   required   to   cover   100%  0 – switch   coverage   respectively   from   X2?**

**Exhibit:**



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

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

**Q. 2:  From   a   Testing   perspective,   what   are   the   MAIN   purposes   of   Configuration   Management?:**  
i) Identifying   the   version   of   software   under   test.  
ii) Controlling   the   version   of   testware   items.  
iii) Developing   new   testware  items.  
iv) Tracking   changes   to   testw  are   items.  
v) Analysing   the   need   for   new   testware   items.

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

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

**Q. 3:  Which   of   the   following   is   a   MAJOR   task   of   test   planning?**

A. Scheduling   test   analysis   and   design   tasks.  
B. Initiating   corrective   actions.  
C. Monitoring   progress   and   test   coverage.  
D. Measuring   and   analyzing   results.

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

**Q. 4:  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)  Summary  
b)  Test   incident   report   identifier  
c)  Test   deliverables  
d)  Risks   and   contingencies  
e)  Variances  
f)  Approvals  
g)  Output   specifications

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

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

**Q. 5:  Which   is   a   potential   product   risk   factor?**

A. Failure   of   third   party   vendor  
B. Training   issues  
C. Problems   requirements   definition  
D. Poor   software   functionality

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

**Q. 6:  Who   typically   use   static   analysis   tools?**

A. Customers   and   users  
B. Developers   and   designers  
C. Business   and   systems   analysts  
D. System   and   acceptance   testers

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

**Q. 7:  Who   would   USUALLY   perform   debugging   activities?**  
A. Developers.  
B. Analysts.  
C. Testers.  
D. Incident   Managers.

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

**Q. 8:  Which  of  the  following  would  you  NOT  usually  find  on  a  software   incident   report?**

A. The   name   and  /  or   organisational   position   of   the   person   raising   the   problem.  
B. Version   of   the   Software   Under   Test.  
C. Suggestions   as   to   how   to   fix   the   problem.  
D. Actual   and   expected   results.

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

**Q. 9:  Which   of   the   following   defines   the   expected   results   of   a   test?**

A. Test   case   specification.  
B. Test   design   specification.  
C. Test   procedure   specification.  
D. Test   results.

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

**Q. 10:  Some   tools   are   geared   more   for   developer   use.   For   the   5  tools   listed,   which   statement   BEST   details   those   for   developers**

i)  Performance   testing   tools.  
ii)  Coverage   measurement   tools.  
iii)  Test   comparators.  
iv)  Dynamic   analysis   tools.  
v)  Incident   management   tools.

A.  i,   iii.  and  iv.  are  more   for   developers.  
B.  ii.  and iv.  are   more   for   developers.  
C.  ii,  iii   and  iv.  are  more   for   developers.  
D.  ii.   and   iii.  are   more  for   developers.

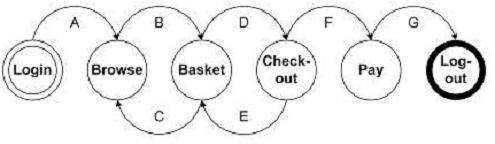
**Q. 11: Which of the following is correct?**  
A. Impact analysis assesses the effect on the system of a defect found in regression testing.  
B. Impact analysis assesses the effect of a new person joining the regression test team.  
C. Impact analysis assesses whether or not a defect found in regression testing has been fixed correctly.  
D. Impact analysis assesses the effect of a change to the system to determine how much regression testing to do.

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

**Q. 12: In  software  testing  what is  the  main  purpose  of  exit  criteria?**  
A. To enhance the security of the system  
B. To prevent the endless loops in code.  
C. To swerve as an alternative or “Plan-B”  
D. To define when to stop testing

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

**Q. 13: Given the following state transition diagram Which of the following series of state transitions contains an INVALID transition which may indicate a fault in the system design?**

**Exhibit:**  


A. Login Browse Basket Checkout Basket Checkout Pay Logout.  
B. Login Browse Basket Checkout Pay Logout.  
C. Login Browse Basket Checkout Basket Logout.  
D. Login Browse Basket Browse Basket Checkout Pay Logout.

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

**Q. 14: Which  of the  following is a  KEY  test  closure  task?**

A. Ensuring  proper  environment  setup  
B. Writing a  test summary  report  
C. Assessing  the need for additional tests  
D. Finalizing  and  archiving  testware.

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

**Q. 15: What is beta testing?**

A. Testing performed by potential customers at the developers location.  
B. Testing performed by potential customers at their own locations.  
C. Testing performed by product developers at the customer’s location.  
D. Testing performed by product developers at their own locations.

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

**Q. 16: Given the following fragment of code, how many tests are required for 100% decision coverage?**

if width > length  
then  
biggest\_dimension = width  
if height > width  
then  
biggest\_dimension = height  
end\_if  
else  
biggest\_dimension = length  
if height > length  
then  
biggest\_dimension = height  
end\_if  
end\_if

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

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

**Q. 17: You have designed test cases to provide 100% statement and 100% decision coverage for the following fragment of code.**

if width > length  
then  
biggest\_dimension = width  
else  
biggest\_dimension = length  
end\_if  
 **The following has been added to the bottom of the code fragment above.**

print “Biggest dimension is ” & biggest\_dimension  
print “Width: ” & width  
print “Length: ” & length

**How many more test cases are required?**

A. One more test case will be required for 100 % decision coverage.

B. Two more test cases will be required for 100 % statement coverage, one of which will be used to provide 100% decision coverage.

C. None, existing test cases can be used.

D. One more test case will be required for 100″ statement coverage.

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

**Q. 18: Which  defects are  OFTEN  much  cheaper  to  remove?**

A. Usability  defects  found by  customers  
B. Defects in  infrequently  used  functionality  
C. Defects  that were detected  early  
D. Minor  defects  that were  found by  users

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

**Q. 19: Which activity in the fundamental test process creates test suites for efficient test execution?**

A. Implementation and execution.  
B. Planning and control.  
C. Analysis and design.  
D. Test closure.

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

**Q. 20: Which of the following is TRUE?**

A. Confirmation testing is testing fixes to a set of defects and Regression testing is testing to establish whether any defects have been introduced as a result of changes.

B. Confirmation testing is testing to establish whether any defects have been introduced as a result of changes and Regression testing is testing fixes to a set of defects.

C. Confirmation testing and Regression testing are both testing to establish whether any defects have been introduced as a result of changes.

D. Confirmation testing and Regression testing are both testing fixes to a set of defects.

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-21-to-30)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to Earlier Questions – Q. 1 to Q 10 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 1 | D |
| Q. 2 | C |
| Q. 3 | A |
| Q. 4 | A |
| Q. 5 | D |
| Q. 6 | B |
| Q. 7 | A |
| Q. 8 | C |
| Q. 9 | A |
| Q. 10 | B |

**Q. 21: Given the following decision table: Which of the following test cases and expected results is VALID?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Rule 1** | **Rule 2** | **Rule3** | **Rule 4** |
|  |  |  |  |  |
| **Conditions** |  |  |  |  |
| Age | <21 yrs | 21-29 yrs | 30-50yrs | > 50yrs |
| Insurance Class | A | A or B | B. C or D | C or D |
| **Actions** |  |  |  |  |
| Premium | �100 | �90 | �70 | �70 |
| Excess | �2,500 | �2,500 | �500 | �1000 |

A. 23 year old in insurance class A Premium is 90 and excess is 2,500.  
B. 51 year old in insurance class C Premium is 70 and excess is 500.  
C. 31 year old in insurance class B Premium is 90 and excess is 2,500.  
D. 43 year old in insurance class C Premium is 70 and excess is 1,000.

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

**Q. 22: When should configuration management procedures be implemented?**

A. During test planning.  
B. During test analysis.  
C. During test execution.  
D. When evaluating exit criteria

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

**Q. 23: Which of the following are characteristic of regression testing ?**  
i) Regression testing is run ONLY once  
ii) Regression testing is used after fixes have been made  
iii) Regression testing is often automated  
iv) Regression tests need not be maintained

**Options:**

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

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

**Q. 24: Which of  the  problems  below  BEST  characterize  a  result of  software  failure?**

A. Damaged  reputation  
B. Lack  of  methodology  
C. Inadequate  training  
D. Regulatory  compliance

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

**Q. 25: Which of the following activities should be performed during the selection and implementation of a testing tool?**  
i) Investigate the organisation’s test process.  
ii) Conduct a proof of concept.  
iii) Implement the selected tool on a project behind schedule to save time.  
iv) Identify coaching and mentoring requirements for the use of the selected tool.

**Options:**

A. i, ii, iii.  
B. ii, iii, iv.  
C. i, iii, iv.  
D. i, ii, iv.  
 **<<<<<< =================== >>>>>>**

**Q. 26: What is the MAIN benefit of designing tests early in the life cycle?**  
A. It is cheaper than designing tests during the test phases.  
B. It helps prevent defects from being introduced into the code.  
C. Tests designed early are more effective than tests designed later.  
D. It saves time during the testing phases when testers are busy.

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

**Q. 27: Which of the following benefits are MOST likely to be achieved by using test tools?**  
i) Easy to access information about tests and testing.  
ii) Reduced maintenance of testware.  
iii) Easy and cheap to implement.  
iv) Greater consistency of tests.

**Options:**

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

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

**Q. 28: Which  of  the  following  can be  considered  as  success  factors  when  deploying a  new  tool in  an  organization?**

A. Providing  coaching to  users and  defining usage  guidelines  
B. Monitoring  tool usage  and  reducing the need for  risk  analysis  
C. Improving  processes  and  focusing  more on  component  testing  
D. Assessing  testing  completion  and  minimizing  code  reviews

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

**Q. 29: What is the purpose of exit criteria?**

A. To define when a test level is complete.  
B. To determine when a test has completed.  
C. To identify when a software system should be retired.  
D. To determine whether a test has passed.

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

**Q. 30: Which  test  design  technique  relies  heavily  on prior  thorough  knowledge  of the  system?**

A. Data  driven  testing technique  
B. Experience-based  technique  
C. White-box  technique  
D. Structure-based  technique

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-31-to-40)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to Earlier Questions – Q. 11 to Q 20 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 11 | D |
| Q. 12 | D |
| Q. 13 | C |
| Q. 14 | D |
| Q. 15 | B |
| Q. 16 | B |
| Q. 17 | C |
| Q. 18 | C |
| Q. 19 | A |
| Q. 20 | A |

**Q. 31: With which of the following categories is a test comparator tool USUALLY associated?**

A. Tool support for performance and monitoring.  
B. Tool support for static testing.  
C. Tool support for test execution and logging.  
D. Tool support for the management of testing and tests.

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

**Q. 32: Which activities form part of test planning?**  
i) Developing test cases.  
ii) Defining the overall approach to testing.  
iii) Assigning resources.  
iv) Building the test environment  
v) Writing test conditions.

A. i, ii & iv are true, iii & v are false.  
B. ii & iii are true, i, iv & v are false.  
C. iv & v are true, i, ii & iii are false.  
D. i, ii & iii are true iv & v are false.

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

**Q. 33: Match the following terms and statements.**  
1.Decision Table Testing  
2.Decision Testing  
3.State Transition Testing  
4.Exploratory Testing

W. Testing carried out w boxes to achieve specific test objectives, possibly to complement structured testing.  
X. A test technique used which may be used to verify different system re depending on current conditions or previous history.  
Y. A test technique which combines combinations of inputs that might not otherwise have been exercised during testing.  
Z. A form of control flow testing based on decision outcomes.

**Options:**

A. 1Y, 2Z, 3X, 4W.  
B. 1X ,2W, 3Z, 4Y.  
C. 1Z, 2X, 3W, 4Y.  
D. 1Z, 2Y, 3X, 4W.

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

**Q. 34: Which type of test design techniques does the following statement best describe a procedure to derive test cases based on the specification of a component?**

A. Black Box Techniques.  
B. White Box Techniques.  
C. Glass Box Techniques.  
D. Experience Based Techniques.

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

**Q. 35: For which of the following would a static analysis tool be MOST useful?**

A. Supporting reviews.  
B. Validating models of the software.  
C. Testing code executed in a special test harness.  
D. Enforcement of coding standards.

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

**Q. 36: Which  test  approaches  or  strategies  are  characterized  by the  descriptions  below?**  
 **S. Process-compliant  approaches  
T. Heuristic  approaches  
U. Consultative  approaches  
V. Regression-averse  approaches  
  
1. Includes  reuse of  existing  test  material  
2. Listens  to suggestions from  technology  experts  
3. Adheres  to industry-specific  standards  
4. Runs test  execution  and  evaluation  concurrently**

A. S4, T3, U2, V1  
B. S1, T2, U3, V4  
C. S2, T3, U1, V4  
D. S3, T4, U2, V1

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

**Q. 37: What  principle is  BEST  described  when  test  designs  are  written  by a third party?**

A. Exploratory  testing  
B. Independent  testing  
C. Integration  testing  
D. Interoperability  testing

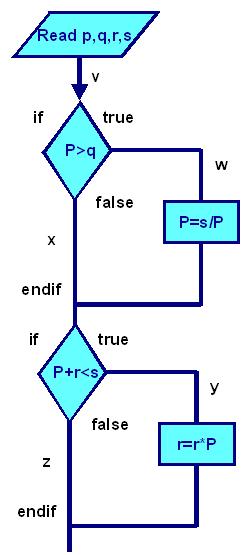
**<<<<<< =================== >>>>>>**

**Q. 38: Which of the following is a benefit of test independence?**

A. It does not require familiarity with the code.  
B. It is cheaper than using developers to test their own code.  
C. It avoids author bias in defining effective tests.  
D. Testers are better at finding defects than developers.

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

**Q. 39: The above diagram represents the following paths through the code.**A. vwy  
B. vwz  
C. vxy  
D. vxz **What is the MINIMUM combination of paths required to provide full statement coverage?**

**Exhibit:**  


A. A  
B. ABD  
C. ABCD  
D. ACD

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

**Q. 40: Which of the following is MOST characteristic of specification based (black-box) techniques?**

A. Test cases can be easily automated.  
B. Test cases are independent of each other.  
C. Test cases are derived systematically from models of the system .  
D. Test cases are derived systematically from the delivered code.

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-41-to-50)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to Earlier Questions – Q. 21 to Q 30 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 21 | A |
| Q. 22 | A |
| Q. 23 | B |
| Q. 24 | A |
| Q. 25 | D |
| Q. 26 | B |
| Q. 27 | C |
| Q. 28 | A |
| Q. 29 | A |
| Q. 30 | B |

**Q. 41: Which of the following combinations correctly describes a valid approach to component testing:**

i) Functional testing of the component in isolation.  
ii) Structure-based testing of the code without recording incidents.  
iii) Automated tests that are run until the component passes.  
iv) Functional testing of the interfaces between modules.

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

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

**Q. 42: Which  of  the  following  is a  KEY  test  control  task?**

A. Initiating  corrective  actions  
B. Determining  the  scope  
C. Implementing  the  test  policy  
D. Scheduling  test  implementation

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

**Q. 43: What is the  name of a  skeletal  implementation  of a  software  component  that  is  used for  testing?**

A. Use  case  
B. Domain  
C. Driver  
D. Stub

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

**Q. 44: Which is the best definition of complete testing:**

A. You have discovered every bug in the program.

B. You have tested every statement, branch, and combination of branches in the program.

C. You have completed every test in the test plan.

D. You have reached the scheduled ship date.

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

**Q. 45: Complete statement and branch coverage means:**

A. That you have tested every statement in the program.

B. That you have tested every statement and every branch in the program.

C. That you have tested every IF statement in the program.

D. That you have tested every combination of values of IF statements in the program

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

**Q. 46: There are several risks of managing your project’s schedule with a statistical reliability model. These include (choose one or more of the following):**

A. Testers spend more energy early in the product trying to find bugs than preparing to do the rest of the project’s work more efficiently

B. Managers might not realize that the testing effort is ineffective, late in the project, because they expect a low rate of bug finding, so the low rate achieved doesn’t alarm them.

C. It can increase the end-of-project pressure on testers to not find bugs, or to not report bugs.

D. All of the above

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

**Q. 47: Typical defects that are easier to find in reviews than in dynamic testing are:**

A. Deviations from standards,  
B. Requirement defects,  
C. Design defects,  
D. Insufficient maintainability and incorrect interface specifications.  
E. All of the above.

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

**Q. 48: Reviews, static analysis and dynamic testing have the same objective**

A. Identifying defects.  
B. Fixing defects.  
C. A. and B  
D. None of the above

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

**Q. 49: What  techniques  would  be  MOST  appropriate if  the  specifications  are  outdated?**

A. Structure-based  and  experienced-based  techniques  
B. Black-box  and  specification-based  techniques  
C. Specification-based  and structure-based  techniques  
D. Structure-based  technique and  exhaustive  testing

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

**Q. 50: Measurement dysfunction is a problem because:**

A. Even though the numbers you look at appear better, to achieve these numbers, people are doing other aspects of their work much less well.  
B. We don’t know how to measure a variable (our measurement is dysfunctional) and so we don’t know how to interpret the result.  
C. You are measuring the wrong thing and thus reaching the wrong conclusions.  
D. All of the above.

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-51-to-60)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to Earlier Questions – Q. 31 to Q 40 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 31 | C |
| Q. 32 | B |
| Q. 33 | A |
| Q. 34 | A |
| Q. 35 | D |
| Q. 36 | D |
| Q. 37 | B |
| Q. 38 | C |
| Q. 39 | A |
| Q. 40 | C |

**Q. 51: Important consequences of the impossibility of complete testing are (Choose one or more answers):**

A. We can never be certain that the program is bug free.

B. We have no definite stopping point for testing, which makes it easier for some managers to argue for very little testing.

C. We have no easy answer for what testing tasks should always be required, because every task takes time that could be spent on other high importance tasks.

D. All of the above.

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

**Q. 52: Poor software characteristics are**

A. Only Project risks  
B. Only Product risks  
C. Project risks and Product risks  
D. Project risks or Product risks

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

**Q. 53: System testing should investigate**

A. Non-functional requirements only not Functional requirements

B. Functional requirements only not non-functional requirements

C. Non-functional requirements and Functional requirements

D. Non-functional requirements or Functional requirements

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

**Q. 54: Contract and regulation testing is a part of**

A. System testing  
B. Acceptance testing  
C. Integration testing  
D. Smoke testing

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

**Q. 55: Find the correct flow of the phases of a formal review**

A. Planning, Review meeting, Rework, Kick off  
B. Planning, Individual preparation, Kick off, Rework  
C. Planning, Review meeting, Rework, Follow up  
D. Planning, Individual preparation, Follow up, Kick off

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

**Q. 56: Which is not the testing objectives**

A. Finding defects  
B. Gaining confidence about the level of quality and providing information  
C. Preventing defects.  
D. Debugging defects

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

**Q. 57: Which of  the  following is a  KEY  task  of a  tester?**

A. Reviewing  tests  developed by  others  
B. Writing  a test  strategy  for the  project  
C. Deciding  what  should be  automated  
D. Writing  test  summary  reports

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

**Q. 58: Which is not the project risks**

A. Supplier issues  
B. Organization factors  
C. Technical issues  
D. Error-prone software delivered

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

**Q. 59: Which of the following is a potential risk in using test support tools?**

A. Under estimating the effort needed to maintain the test assets  
B. Losing access to important testing information when needed  
C. Relying too much on qualitative and quantitative assessments  
D. Lowering the morale of the test team because of repetition

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

**Q. 60: How  many  test  cases  are  needed  to  achieve 100 %  statement  coverage?**

if ((temperature < 0) or  
(temperature > 100)) {  
alert (“DANGER”);  
if ((speed > 100) and (load <= 50)) {  
speed = 50;  
}  
} else {  
check = false;  
}  
  
A. 5  
B. 4  
C. 2  
D. 3

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-61-to-70)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to Earlier Questions – Q. 41 to Q 50 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 41 | B |
| Q. 42 | A |
| Q. 43 | D |
| Q. 44 | A |
| Q. 45 | B |
| Q. 46 | D |
| Q. 47 | E |
| Q. 48 | A |
| Q. 49 | A |
| Q. 50 | A |

**Q. 61: �X� has given a data on a person age, which should be between 1 to 99. Using BVA which is the appropriate one**

A. 0,1,2,99  
B. 1, 99, 100, 98  
C. 0, 1, 99, 100  
D. �1, 0, 1, 99

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

**Q.62: Which is not a testing principleA. Early testing**B. Defect clustering  
C. Pesticide paradox  
D. Exhaustive testing

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

**Q. 63: What  consists  of a  set of  input  values,  execution  pre conditions  and  expected  results?**

A. Test  script  
B. Test  procedure  specification  
C. Test  case  
D. Test  data

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

**Q. 64: The \_\_\_\_\_\_\_\_\_\_\_ Testing will be performed by the people at client own locations**

A. Alpha testing  
B. Field testing  
C. Performance testing  
D. System testing

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

**Q. 65: Which of the following is the standard for the Software product quality**

A. ISO 9126  
B. ISO 829  
C. ISO 1012  
D. ISO 1028

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

**Q. 66: Which is not a black box testing technique**

A. Equivalence partition  
B. Decision tables  
C. Transaction diagrams  
D. Decision testing

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

**Q. 67: Find the mismatch**

A. Test data preparation tools � Manipulate Data bases

B. Test design tools � Generate test inputs

C. Requirement management tools � Enables individual tests to be traceable

D. Configuration management tools � Check for consistence

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

**Q. 68: Which of the  following  MAIN  activity  is  part  of the  fundamental  test  process?**

A. Initiating  and  planning  
B. Documenting root-causes  
C. Capturing  lessons  learned  
D. Planning  and  control

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

**Q. 69: Purpose of test design technique is**

A. Identifying test conditions only, not Identifying test cases

B. Not Identifying test conditions, Identifying test cases only

C. Identifying test conditions and Identifying test cases

D. Identifying test conditions or Identifying test cases

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

**Q. 70: One person has been dominating the current software process improvement meeting. Which of the following techniques should the facilitator use to bring other team members into the discussion?**

A. Confront the person and ask that other team members be allowed to express their opinions.

B. Wait for the person to pause, acknowledge the person� s opinion, and ask for someone else� s opinion.

C. Switch the topic to an issue about which the person does not have a strong opinion.

D. Express an opinion that differs from the person� s opinion in order to encourage others to express their ideas.

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-71-to-80)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 51 to Q 60 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 51 | D |
| Q. 52 | B |
| Q. 53 | C |
| Q. 54 | B |
| Q. 55 | C |
| Q. 56 | D |
| Q. 57 | A |
| Q. 58 | D |
| Q. 59 | A |
| Q. 60 | C |

**Q. 71: Stochastic testing using statistical information or operational profiles uses the following method**

A. Heuristic testing approach  
B. Methodical testing approach  
C. Model based testing approach  
D. Process or standard compliant testing approach

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

**Q. 72: A software model that can�t be used in functional testing**

A. Process flow model  
B. State transaction model  
C. Menu structure model  
D. Plain language specification model

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

**Q. 73: Arc testing is known as**

A. Branch testing  
B. Agile testing  
C. Beta testing  
D. Ad-hoc testing

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

**Q. 74: The purpose of exit criteria is**

A. Define when to stop testing  
B. End of test level  
C. When a set of tests has achieved a specific pre condition  
D. All of the above

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

**Q. 75: Which  factors  contribute  to  humans  making  mistakes  that  can  lead  to  faulty  software?**

I. Setting  aggressive  schedule  
II. Integrating  complex  systems  
III. Allocating  adequate  resources  
IV. Failing  to  control  changes

A. I and II are true; III and IV are false  
B. II and IV are true; I and III are false  
C. I, II and IV are true; III is false  
D. I, II and III are true; IV is false

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

**Q. 76: Which  sections  are  included  as  part  of the  test  summary  report?**

W. Variances  
X. Comprehensive  assessment  
Y. Evaluation  
Z. Summary  of  activities

A. W, X and Y  
B. W, X, Y and Z  
C. W and X  
D. W, X and Z

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

**Q. 77: What is the main purpose of Informal review**

A. Inexpensive way to get some benefit  
B. Find defects  
C. Learning, gaining understanding, effect finding  
D. Discuss, make decisions, solve technical problems

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

**Q. 78: Which is not a Component testing**

A. Check the memory leaks  
B. Check the robustness  
C. Check the branch coverage  
D. Check the decision tables

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

**Q. 79: Which  test  can  be  performed  at  all  test  levels?**

A. System  testing  
B. Operational  testing  
C. Structural  testing  
D. Integration  testing

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

**Q. 80: Which is not the fundamental test process**

A. Planning and control  
B. Test closure activities  
C. Analysis and design  
D. None

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-81-to-90)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 61 to Q 70 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 61 | C |
| Q. 62 | D |
| Q. 63 | C |
| Q. 64 | B |
| Q. 65 | A |
| Q. 66 | D |
| Q. 67 | D |
| Q. 68 | D |
| Q. 69 | C |
| Q. 70 | B |

**Q. 81: The \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_ are used within individual workbenches to produce the right output products.**

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

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

**Q. 82: Which  aspects  of  testing  will  establishing  traceability  help?**

A. Configuration  management  and  test  data  generation  
B. Test  case  specification and change  control  
C. Test  condition and test  procedure  specification  
D. Impact  analysis  and requirements  coverage

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

**Q. 83: The principle of Cyclomatic complexity, considering L as edges or links, N as nodes, P as independent paths**

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

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

**Q. 84: FPA is used to**

A. To measure the functional requirements of the project  
B. To measure the size of the functionality of an Information system  
C. To measure the functional testing effort  
D. To measure the functional flow

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

**Q. 85: A \_\_\_\_\_ is the step-by-step method followed to ensure that standards are met**

A. SDLC  
B. Project Plan  
C. Policy  
D. Procedure

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

**Q. 86: 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. 87: PDCA is known as**

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

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

**Q. 88: Which is the non-functional testing**

A. Performance testing  
B. Unit testing  
C. Regression testing  
D. Sanity testing

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

**Q. 89: Which  of the  following  is a  MAJOR  test  planning  task?**

A. Determining  the exit  criteria  
B. Measuring and  analyzing  results  
C. Implementing  corrective  actions  
D. Monitoring  and  documenting  progress

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

**Q. 90: 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

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-91-to-100)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 71 to Q 80 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 71 | C |
| Q. 72 | C |
| Q. 73 | A |
| Q. 74 | D |
| Q. 75 | C |
| Q. 76 | B |
| Q. 77 | A |
| Q. 78 | D |
| Q. 79 | C |
| Q. 80 | D |

**Q. 91: 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. 92: 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. 93: White Box Techniques are also called as:**

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

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

**Q. 94: 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. 95: 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. 96: Based  on the  IEEE  Standard for  Software  Test Documentation  (IEEE  Std  829-1998), which sections  of the  test  incident  report  should  the  following  items  be  recorded?**

**Sections**a) Test  incident  report  identifier  
b) Summary  
c) Incident  description  
d) Impact

**Items**1. Impact on test plans  
2. Unique  identifier  
3. Anomalies  
4. Procedure  step  
5. Environment  
6. References to  other  relevant  documents

A. a: 2; b: 4; c: 1, 3 and 5; d: 6  
B. a: 2; b: 3; c: 4, 5 and 6; d: 1  
C. a: 2; b: 6; c: 3, 4 and 5; d: 1  
D. a: 2; b: 1; c: 3, 4 and 5; d: 6

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

**Q. 97: 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. 98: 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. 99: 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. 100: Methodologies adopted while performing Maintenance Testing:-**

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

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-101-to-110)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 81 to Q 90 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 81 | B |
| Q. 82 | D |
| Q. 83 | A |
| Q. 84 | B |
| Q. 85 | D |
| Q. 86 | B |
| Q. 87 | A |
| Q. 88 | A |
| Q. 89 | A |
| Q. 90 | A |

**Q. 101: 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  
 **<<<<<< =================== >>>>>>**

**Q. 102: 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.

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

**Q. 103: 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

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

**Q. 104: Link Testing is also called as :**

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

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

**Q. 105: 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. 106: 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

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

**Q. 107: 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

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

**Q. 108: A Type of functional Testing, which investigates the functions relating to detection of threats, such as virus from malicious outsiders.**

A. Security Testing  
B. Recovery Testing  
C. Performance Testing  
D. Functionality Testing

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

**Q. 109: A Person who documents all the issues, problems and open points that were identified during a formal review.**

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

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

**Q. 110: The Test Cases Derived from use cases**

A. Are most useful in uncovering defects in the process flows during real world use of the system

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

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

D. Are most useful in covering the defects at the Integration Level

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-111-to-120)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 91 to Q 100 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 91 | B |
| Q. 92 | C |
| Q. 93 | A |
| Q. 94 | A |
| Q. 95 | A |
| Q. 96 | C |
| Q. 97 | B |
| Q. 98 | C |
| Q. 99 | B |
| Q. 100 | A |

**Q. 111: One of the fields on a form contains a text box which accepts alpha numeric values. Identify the Valid Equivalence class**

A. BOOK  
B. Book  
C. Boo01k  
D. book

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

**Q. 112: Which  of  the  following  are  potential  benefits  of  using  test  support  tools?**

A. Ensuring  greater  consistency  and  minimizing  software  project  risks  
B. Reducing  repetitive  work and  gaining easy access to  test  information  
C. Performing  objective  assessment  and reducing the  need  for  training  
D. Allowing  for  greater  reliance  on the  tool to  automate the  test  process

**<<<<<< =================== >>>>>>**  
**Q. 113: Which  statements  correctly  describe  certain  phases  of a  formal  review?**

A. Looking  for  defects  occurs  during  kick-off  phase  
Fixing  defects  found  happens  during  rework  phase

B. Personnel  selection  occurs  during  planning  phase  
Gathering  metrics  happens  during  the  review  meeting phase

C. Distributing  documents  occurs  during  the  planning  phase  
Personal  review  happens  during  individual  preparation  phase

D. Personnel  selection  occurs  during  planning  phase  
Fixing  defects  found  happens  during  rework  phase

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

**Q. 114: A Project risk includes which of the following :**

A. Organizational Factors  
B. Poor Software characteristics  
C. Error Prone software delivered.  
D. Software that does not perform its intended functions

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

**Q. 115: Which of the following is a Key Characteristics of Walk Through**

A. Scenario , Dry Run , Peer Group  
B. Pre Meeting Preparations  
C. Formal Follow Up Process  
D. Includes Metrics

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

**Q. 116: Which of the following techniques is NOT a White box technique?**

A. Statement Testing and coverage  
B. Decision Testing and coverage  
C. Condition Coverage  
D. Boundary value analysis

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

**Q. 117: Reporting Discrepancies as incidents 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. 118: In a  risk-based  approach  the  risks  identified  may be  used to :**

**i. Determine  the test  technique  to be  employed  
ii. Determine  the  extent of  testing to be  carried  out  
iii. Prioritize  testing  in an  attempt to  find critical  defects as  early  as  possible.  
iv. Determine  the  cost  of the  project**

A. ii is True; i, iii, iv & v are False  
B. i,ii,iii are true and iv is false  
C. ii & iii are True; i, iv are False  
D. ii, iii & iv are True; i is false

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

**Q. 119: Incidents would not be raised against:**

A. Requirements  
B. Documentation  
C. Test cases  
D. Improvements suggested by users

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

**Q. 120: The Planning phase of a formal review includes the following :-**

A. Explaining the objectives  
B. Selecting the personnel, allocating roles.  
C. Follow up  
D. Individual Meeting preparations

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-121-to-130)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 101 to Q 110 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 101 | C |
| Q. 102 | B |
| Q. 103 | D |
| Q. 104 | A |
| Q. 105 | B |
| Q. 106 | A |
| Q. 107 | B |
| Q. 108 | A |
| Q. 109 | B |
| Q. 110 | A |

**Q. 121: Test Implementation and execution has which of the following major tasks?  
  
i. Developing and prioritizing test cases, creating test data, writing test procedures and optionally preparing the test harnesses and writing automated test scripts.  
ii. Creating the test suite from the test cases for efficient test execution.  
iii. Verifying that the test environment has been set up correctly.  
iv. Determining the exit criteria.**

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

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

**Q. 122: One of the fields on a form contains a text box which accepts numeric values in the range of 18 to 25. Identify the invalid Equivalance class**

A. 17  
B. 19  
C. 24  
D. 21

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

**Q. 123: Exhaustive Testing is**

A. Is impractical but possible  
B. Is practically possible  
C. Is impractical and impossible  
D. Is always possible

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

**Q. 124: Which  tool  needs  to  interface  with other  office  automation  software  in order  to  generate reports  in  the  format  required  by the  organization?**

A. Progress  tracking  tools  
B. Test  management  tools  
C. Metrics  management  tools  
D. Test  execution  tools

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

**Q. 125: Which one is not comes under international standard**

A. IEC  
B. IEEE  
C. ISO  
D. All of the above

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

**Q. 126: In which phase static tests are used**

A. Requirements  
B. Design  
C. Coding  
D. All of the above

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

**Q. 127: What’s the disadvantage of Black Box Testing**

A. Chances of having repetition of tests that are already done by programmer.  
B. The test inputs needs to be from large sample space.  
C. It is difficult to identify all possible inputs in limited testing time. So writing test cases is slow and difficult  
D. All above

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

**Q. 128: What  is  the  process  of  analyzing  and  removing  causes  of  failures  in  software?**

A. Validation  
B. Testing  
C. Debugging  
D. Verification

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

**Q. 129: Majority of system errors occur in the \_\_\_\_\_\_\_\_\_ phase**

A. Requirements Phase.  
B. Analysis and Design Phase  
C. Development Phase  
D. Testing Phase

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

**Q. 130: Which  of  the  following is  a  MAJOR  task  when  evaluating  the  exit  criteria?**

A. Creating  test  suites  and  cases  for  efficient  execution  
B. Writing  a  test  summary  report  for  stakeholders  
C. Handing  the  testware  to  the  maintenance  organization  
D. Identifying  any  required  infrastructure  and  tools

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-131-to-140)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 111 to Q 120 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 111 | C |
| Q. 112 | B |
| Q. 113 | D |
| Q. 114 | A |
| Q. 115 | A |
| Q. 116 | D |
| Q. 117 | B |
| Q. 118 | C |
| Q. 119 | D |
| Q. 120 | B |

**Q. 131: How much percentage of the life cycle costs of a software are spent on maintenance.**

A. 10%  
B. 30%  
C. 50%  
D. 70%

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

**Q. 132: When a defect is detected and fixed then the software should be retested to confirm that the original defect has been successfully removed. This is called**

A. Regression testing  
B. Maintenance testing  
C. Confirmation testing  
D. None of the above

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

**Q. 133: Which of the following is a valid objective of an incident report?**

A. Prove that the tester is contributing to the quality of the system.

B. Provides test management ideas for test process improvement.

C. Gives a statistical way to determine which modules to redesign.

D. Provides developers a way to critique their individual work processes.

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

**Q. 134: When to stop Testing?**

A. Stop when scheduled time for testing expires  
B. Stop if 75% of the pre-defined number of errors is detected.  
C. Stop when all the test cases execute with detecting few errors.  
D. None above

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

**Q. 135: Which of the following are success factors for reviews?**

I. Clear objectives for each review.

II. Checklists and/or roles are used to increase effectiveness of defect identification.

III. There is an emphasis on process improvement.

IV. People issues and psychological aspects are not reviewed.

A. I and III

B. II, III and IV

C. I, II and III

D. IV

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

**Q. 136: Structure is unknown for which type of development project**

A. Traditional system development  
B. Iterative development  
C. System maintenance  
D. Purchased/contracted software

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

**Q. 137: \_\_\_\_\_\_\_\_indicates how important it is to fix the bug and when it should be fixed**

A. Severity  
B. Priority  
C. All of the above  
D. None of the above

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

**Q. 138: The person who leads the review of the document(s), planning the review,running the meeting and follow-up after the meeting**

A. Reviewer  
B. Author  
C. Moderator  
D. Auditor

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

**Q. 139: Performs sufficient testing to evaluate every possible path and condition in the application system. The only test method that guarantees the proper functioning of the application system is called as \_\_\_\_\_\_\_\_\_\_\_\_\_**

A. Regression Testing  
B. Exhaustive Testing  
C. Basic Path Testing  
D. Branch Testing

<<<<<< =================== >>>>>>

**Q. 140: Which of the following statements contains a valuable objective for a test team?**

A. Prove that the remaining defects will not cause any additional failures.

B. Run all of the tests that are defined for the test object as quickly as possible.

C. Prove that all faults have been identified through thorough testing.

D. Cause as many failures as possible so that faults can be identified and corrected.

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-141-to-150)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 121 to Q 130 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 121 | A |
| Q. 122 | A |
| Q. 123 | C |
| Q. 124 | B |
| Q. 125 | B |
| Q. 126 | D |
| Q. 127 | D |
| Q. 128 | C |
| Q. 129 | A |
| Q. 130 | B |

**Q. 141: A formal assessment of a work product conducted by one or more qualified independent reviewer to detect defects.**

A. Inspection.  
B. Walkthrough.  
C. Review  
D. Non Conformance

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

**Q. 142: Which  of the  following  are  MAJOR  test  implementation  and  execution  tasks?**

I. Repeating  test  activities  
II. Creating  test  suites  
III. Reporting  discrepancies  
IV. Logging  the  outcome  
V. Analyzing  lessons  learned

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

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

**Q. 143: Which  tasks  are  performed  by  a  test  leader  versus  a  tester?**

S. Writing a  project  test  strategy  
T. Selecting  tools to  support testing  
U. Preparing  and  acquiring  data  
V. Scheduling  tests

A. Test leader: S and V; Tester: T and U  
B. Test leader: S, T and V; Tester: U  
C. Test leader: S, U and V; Tester: T  
D. Test leader: S; Tester: T, U and V

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

**Q. 144: What type of tools to be used for Regression Testing**

A. Performance  
B. Record/Playback  
C. A. & B.  
D. None

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

**Q. 145: System Integration testing should be done after**

A. Integration testing  
B. System testing  
C. Unit testing  
D. Component integration testing

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

**Q. 146: During this event the entire system is tested to verify that all functional information structural and quality requirements have been met. A predetermined combination of tests is designed that when executed successfully satisfy management that the system meets specifications**

A. Validation Testing  
B. Integration Testing  
C. User Acceptance Testing  
D. System Testing

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

**Q. 147: What is the normal order of activities in which software testing is organized?**

A. Unit, integration, system, validation  
B. System, integration, unit, validation  
C. Unit, integration, validation, system  
D. None of the above

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

**Q. 148: During testing, a defect was found in which the system crashed when the network got disconnected while receiving data from the server. The defect was fixed by correcting functionality which checks the network availability during data transfer. Existing test cases did cover 100% of the module statements. To verify the fix and ensure more extensive coverage, some tests were designed and added to the test suite. What types of testing are mentioned above?**

I. Functional testing

II. Structural testing

III. Confirmation testing

IV. Performance testing

A. I, III and IV

B. I and III

C. II and IV

D. I, II and III

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

**Q. 149: What  is a  scripting  technique  that  uses  data  files to  contain  not  only  test  data  and expected  results,  but  also  keywords  related  to the  application  being  tested?**

A. Automation  technique  
B. Scripting  language  
C. Process-driven  testing  
D. Keyword-driven  testing

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

**Q. 150: The principal attributes of tools and automation are**

A. Speed & efficiency  
B. Accuracy & precision  
C. All of the above  
D. None of the above

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-151-to-160)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 131 to Q 140 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 131 | D |
| Q. 132 | C |
| Q. 133 | B |
| Q. 134 | A |
| Q. 135 | C |
| Q. 136 | D |
| Q. 137 | C |
| Q. 138 | C |
| Q. 139 | C |
| Q. 140 | D |

**Q. 151: In \_\_\_\_\_\_ testing doesn’t know anything about the sofware being tested; it just clicks or types randomly.**

A. Random testing  
B. Gorilla testing  
C. Adhoc testing  
D. Dumb monkey testing

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

[GogoleAd336]

**Q. 152: A series of probing questions about the completeness and attributes of an application system is called**

A. Checklist  
B. Checkpoint review  
C. Decision table  
D. Decision tree

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

**Q. 153: The testing technique that requires devising test cases to demonstrate that each program function is operational is called**

A. Black-box testing  
B. Glass-box testing  
C. Grey-box testing  
D. White-box testing

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

**Q. 154: A white box testing technique that measures the number of or percentage of decision directions executed by the test case designed is called**

A. Condition coverage  
B. Decision/Condition coverage  
C. Decision Coverage  
D. Branch coverage

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

**Q. 155: Which summarizes the testing activities associated with one or more test design specifications.**

A. Test Summary report  
B. Test Log  
C. Test Incident Report  
D. Test Script

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

**Q. 156: Which  test  investigates  both  functional  and  non-functional  system  requirements?**

A. Alpha  testing  
B. System  testing  
C. Acceptance  testing  
D. Confirmation  testing

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

**>Q. 157: Which  test  ensures  that  modifications  did  not  introduce  new  problems?**

A. Stress  testing  
B. Black-box  testing  
C. Structural  testing  
D. Regression  testing

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

**Q. 158: Which of the following are potential benefits of adding tools to the test process?**  
 **I. Reduction of repetitive testing procedures.  
II. Ability to hire testers with fewer technical skills.  
III. Ability to get an objective assessment of progress.  
IV. Greater consistency in testing procedures.**

A. II, III and IV

B. I, III and IV

C. I, II and III

D. I, II and IV

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

**Q. 159: Which testing is used to verify that the system can perform properly when internal program or system limitations have been exceeded**

A. Stress Testing  
B. Load Testing  
C. Performance Testing  
D. Volume testing

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

**Q. 160: In any software development life cycle (SDLC) model, which of the following are characteristics of good testing?**  
 **I. Providing complete test coverage of all branches of the system code.  
II. Having a corresponding testing activity for each development activity.  
III. Testers should be involved in reviewing documents as soon as drafts are available.  
IV. Each test level has test objectives specific to that level.**

A. II, III and IV

B. I and III

C. I, III and IV

D. I and II

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-161-to-170)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 141 to Q 150 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 141 | A |
| Q. 142 | C |
| Q. 143 | B |
| Q. 144 | B |
| Q. 145 | C |
| Q. 146 | C |
| Q. 147 | A |
| Q. 148 | D |
| Q. 149 | D |
| Q. 150 | C |

**Q. 161: What  is the  ratio  of the  number  of  failures  relative  to a  category  and a  unit  of  measure?**

A. Failure  rate  
B. Defect  density  
C. Failure  mode  
D. Fault  tolerance

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

**Q. 162: Typical defects discovered by static analysis includes**

A. Programming standard violations  
B. Referring a variable with an undefined value  
C. Security vulnerabilities  
D. All Above

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

**Q. 163: EULA stands for**

A. End Usability License Agreement  
B. End User License Agreement  
C. End User License Arrangement  
D. End User License Attachment

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

**Q. 164: What  test  can  be  conducted  for  off – the – shelf  software  to  get  market  feedback?**

A. Beta  testing  
B. Usability  testing  
C. Alpha  testing  
D. COTS  testing

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

**Q. 165: CAST stands for**

A. Computer Aided Software Testing  
B. Computer Aided Software Tools  
C. Computer Analysis Software Techniques  
D. None

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

**Q. 166: How  can  software  defects  in  future  projects  be  prevented  from  reoccurring?**

A. Creating  documentation  procedures and  allocating  resource  contingencies  
B. Asking  programmers to  perform a  thorough  and  independent testing  
C. Combining  levels of  testing  and  mandating  inspections  of all  documents  
D. Documenting  lessons  learned and determining the root cause of problems

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

**Q. 167: Which test may not mimic real world situations**

A. Functional testing  
B. Structural Testing  
C. All of the above  
D. None of the above

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

**Q. 168: \_\_\_\_\_\_\_ includes both Black box and White Box Testing features**

A. Gray Box Testing  
B. Hybrid Testing  
C. A. & B.  
D. None

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

**Q. 169: Which of the following are the main stages of a formal review?**

A. Initiation, Preparation, Informal Review Meeting, Status, Rework, and Follow up.

B. Planning, Preparation, Technical Review, Rework, and Closure.

C. Preparation, Inspection, Rework, Closure, and Follow up.

D. Planning, Kick off, Individual Preparation, Review Meeting, Rework, and Follow up.

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

**Q. 170: Tool which stores requirement statements, check for consistency and allow requirements to be prioritized and enable individual tests to be traceable to requirements, functions and features.**

A. Incident management tools  
B. Requirements management tools  
C. Configuration management tools  
D. None

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-171-to-180)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 151 to Q 160 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 151 | D |
| Q. 152 | A |
| Q. 153 | C |
| Q. 154 | B |
| Q. 155 | C |
| Q. 156 | B |
| Q. 157 | D |
| Q. 158 | B |
| Q. 159 | A |
| Q. 160 | A |

**Q. 171: Which of the following are success factors when rolling out a new tool?**  
 **I. Roll the tool out to the entire organization to ensure reasonably even coverage.  
II. Avoid changing existing processes to reduce impact of the tool.  
III. Provide training and mentoring to new users.IV. Allow users to determine where the tool fits into the process best.**

A. I and II

B. I, III and IV

C. III

D. IV

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

**Q. 172: As a test leader you are collecting measures about defects. You recognize that after the first test cycle � covering all requirements – subsystem C has a defect density that is 150% higher than the average. Subsystem A on the other hand has a defect density that is 60% lower than the average. What conclusions for the next test cycle could you draw from this fact?**

A. It is probable that subsystem C has still more hidden defects. Therefore we need to test subsystem C in more detail.

B. Because we have already found many defects in subsystem C, we should concentrate testing resources on Subsystem A.

C. Observed defect density does not allow any conclusions about the amount of additional testing.

D. We should try to equalize the amount of testing over all modules to ensure that we test all subsystems evenly.

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

**Q. 173: Which of these are objectives for software testing?**

A. Determine the productivity of programmers  
B. Eliminate the need for future program maintenance  
C. Eliminate every error prior to release  
D. Uncover software errors

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

**Q. 174: Failure is \_\_\_\_\_\_\_\_\_**

A. Incorrect program behavior due to a fault in the program  
B. Bug found before product Release  
C. Bug found after product Release  
D. Bug found during Design phase

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

**Q. 175: During the software development process, at what point can the test process start?**

A. When the code is complete.  
B. When the design is complete.  
C. When the software requirements have been approved.  
D. When the first code module is ready for unit testing

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

**Q. 176: “How much testing is enough?”**

A. This question is impossible to answer  
B. This question is easy to answer  
C. The answer depends on the risk for your industry, contract and special requirements  
D. This answer depends on the maturity of your developers

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

**Q. 177: Which  approaches  can  help  increase  the  quality  of  software?**  
 **I. Incorporating  rigorous  testing  
II. Preventing  change  requests  
III. Establishing  defects  metrics  
IV. Allocating  schedule  contingencies**

A. I and II are true; III and IV are false  
B. II and IV are true; I and II are false  
C. I and IV are true; II and III are false  
D. I and III are true; II and IV are false

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

**Q. 178: Features  to  be  tested,  approach, item pass / fail  criteria  and  test  deliverables  should  be specified  in  which  document?**

A. Test  case  specification  
B. Test  procedure  specification  
C. Test  plan  
D. Test  design  specification

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

**Q. 179: What  is  the  difference  between  component  testing  and  integration  testing?**

A. Component  testing  tests interfaces; integration  testing  searches  for defects  
B. Component  testing  searches for defects; integration  testing tests Interfaces  
C. Developers  perform  component testing; testers  perform  integration  testing  
D. Testers  perform  component testing; users  perform  integration  testing

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

**Q. 180: Fault Masking is**

A. Error condition hiding another error condition  
B. Creating a test case which does not reveal a fault  
C. Masking a fault by developer  
D. Masking a fault by a tester

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-181-to-190)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 161 to Q 170 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 161 | A |
| Q. 162 | C |
| Q. 163 | B |
| Q. 164 | A |
| Q. 165 | A |
| Q. 166 | D |
| Q. 167 | B |
| Q. 168 | A |
| Q. 169 | D |
| Q. 170 | B |

**Q. 181: Which of the following is not a quality characteristic listed in ISO 9126 Standard?**

A. Functionality  
B. Usability  
C. Supportability  
D. Maintainability

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

**Q. 182: One Key reason why developers have difficulty testing their own work is :**

A. Lack of technical documentation  
B. Lack of test tools on the market for developers  
C. Lack of training  
D. Lack of Objectivity

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

**Q. 183: Statement Coverage will not check for the following.**

A. Missing Statements  
B. Unused Branches  
C. Dead Code  
D. Unused Statement

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

**Q. 184: Given the Following program**

IF X <>= Z  
THEN Statement 2;  
END

McCabe�s Cyclomatic Complexity is :

A. 2  
B. 3  
C. 4  
D. 5

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

**Q. 185: To test a function, the programmer has to write a \_\_\_\_\_\_\_\_\_, which calls the function to be tested and passes it test data.**

A. Stub  
B. Driver  
C. Proxy  
D. None of the above

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

**Q. 186: Pick the best definition of quality**

A. Quality is job one  
B. Zero defects  
C. Conformance to requirements  
D. Work as designed

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

**Q. 187: Boundary value testing**

A. Is the same as equivalence partitioning tests  
B. Test boundary conditions on, below and above the edges of input and output equivalence classes  
C. Tests combinations of input circumstances  
D. Is used in white box testing strategy

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

**Q. 188: An input field takes the year of birth between 1900 and 2004**

The boundary values for testing this field are

A. 0,1900,2004,2005  
B. 1900, 2004  
C. 1899,1900,2004,2005  
D. 1899, 1900, 1901,2003,2004,2005

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

**Q. 189: How many test cases are necessary to cover all the possible sequences of statements (paths) for the following program fragment? Assume that the two conditions are independent of each other:**

if (Condition 1)  
then statement 1  
else statement 2  
fi  
if (Condition 2)  
then statement 3  
fi

A. 2 Test Cases  
B. 3 Test Cases  
C. 4 Test Cases  
D. Not achievable

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

**Q. 190: A common test technique during component test is**

A. Statement and branch testing  
B. Usability testing  
C. Security testing  
D. Performance testing

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-191-to-200)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 171 to Q 180 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 171 | C |
| Q. 172 | A |
| Q. 173 | D |
| Q. 174 | A |
| Q. 175 | C |
| Q. 176 | C |
| Q. 177 | D |
| Q. 178 | C |
| Q. 179 | B |
| Q. 180 | A |

**Q. 191: In a review meeting a moderator is a person who**

A. Takes minutes of the meeting  
B. Mediates between people  
C. Takes telephone calls  
D. Writes the documents to be reviewed

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

**Q.192: Acceptance test cases are based on what?**

A. Requirements  
B. Design  
C. Code  
D. Decision table

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

**Q. 193: Which  documents  specify  features  to – be  tested,  approach, and  pass / fail  criteria?**

A. Test  plan and  test  design  specification  
B. Test  plan and  test  case  specification  
C. Test  procedure  specification  and  test  design  specification  
D. Test  case  specification  and  test  procedure  specification

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

**>Q. 194: Independent Verification & Validation is**

A. Done by the Developer  
B. Done by the Test Engineers  
C. Done By Management  
D. Done by an Entity Outside the Project�s sphere of influence

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

**Q. 195: Defect Management process does not include**

A. Defect prevention  
B. Deliverable base-lining  
C. Management reporting  
D. None of the above

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

**Q. 196 What  is a  group  of  test  activities  that  are  organized  and  managed  together?**

A. Test  procedure  specification  
B. Test  level  
C. Test  case  specification  
D. Test  plan

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

**Q. 197: What is  the  key  difference  between (a)  contract  and  regulation  acceptance  testing, and (b) alpha and  beta  testing?**

A. (a) are  performed  outside the  company and (b) are  conducted  by the  test team  
B. (a) are  conducted  by  regulators and (b) are performed by system  administrato rs  
C. (a) are mandatory  test for  government applications and (b) are  usually  optional  
D. (a) are  for  custom-developed  software and (b) are  for  off � the – shelf  software

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

**Q. 198: Regression testing should be performed:**  
 **v) Every week  
w) After the software has changed  
x) As often as possible  
y) When the environment has changed  
z) Wwhen the project manager says**

A. v & w are true, x � z are false

B. w, x & y are true, v & z are false

C. w & y are true, v, x & z are false

D. w is true, v, x y and z are false

E. All of the above are true

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

**Q. 199: During which test activity could faults be found most cost effectively?**

A. Execution  
B. Design  
C. Planning  
D. Check Exit criteria completion

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

**Q. 200: What is the difference between testing software developed by contractor outside your country, versus testing software developed by a contractor within your country?**

A. Does not meet people needs  
B. Cultural difference  
C. Loss of control over reallocation of resources  
D. Relinquishments of control

[Correct Answer of the above Questions](https://www.softwaretestinggenius.com/istqb-certification-exam-sample-papers-q-201-to-210)

[Access the Full Database of all Questions](https://www.softwaretestinggenius.com/category/certifications-resources/testing-certifications/istqb-foundation-exam-sample-question-papers/)

**Correct Answers to the Earlier Questions – Q. 181 to Q 190 are as under:**

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 181 | C |
| Q. 182 | D |
| Q. 183 | A |
| Q. 184 | A |
| Q. 185 | B |
| Q. 186 | C |
| Q. 187 | B |
| Q. 188 | C |
| Q. 189 | C |
| Q. 190 | A |

|  |  |
| --- | --- |
| **Question No.** | **Correct Answer** |
| Q. 191 | B |
| Q. 192 | A |
| Q. 193 | A |
| Q. 194 | D |
| Q. 195 | D |
| Q. 196 | B |
| Q. 197 | D |
| Q. 198 | C |
| Q. 199 | C |
| Q. 200 | B |