	Project plan Business plan
	Support plan
	None of the above
	202: To test a function, the programmer has to write a, which calls the action and passes it the test data.
	Stub
	Driver Proxy
	None of the above
Q.	203: Which of the following is not a static testing technique
Α.	Error guessing
В.	Walkthrough
	Data flow analysis
D.	Inspections
Q.	204: Which of the following statements about component testing is not true?
	Component testing should be performed by development
	Component testing is also know as isolation or module testing
	Component testing should have completion criteria planned
υ.	Component testing does not involve regression testing
Q.	205: Inspections can find all the following except
٨	Variables not defined in the code
	Spelling and grammar faults in the documents
c.	Requirements that have been omitted from the design documents
D.	How much of the code has been covered
Q.	206: Which of the following is not a characteristic for Testability?
	Operability
	Operability
c.	Simplicity
D.	Robustness
^	207. Software testing accounts to what persons of anti-ways development access?
ų.	207: Software testing accounts to what percent of software development costs?
	10-20
	40-50 70-80
	70-80 5-10

- A. A black box testing technique used only by developers
  B. A black box testing technique than can only be used during system testing
  C. A black box testing technique appropriate to all levels of testing
  D. A white box testing technique appropriate for component testing

### Q. 209: If an expected result is not specified then:

- A. We cannot run the test
- B. It may be difficult to repeat the test
- C. It may be difficult to determine if the test has passed or failed
- D. We cannot automate the user inputs

## Q. 210: How much testing is enough

- A. This question is impossible to answer
- B. The answer depends on the risks for your industry, contract and special requirements
- C. The answer depends on the maturity of your developers
- D. The answer should be standardized for the software development industry

## Q. 211: The purpose of requirement phase is

- A. To freeze requirements
- B. To understand user needs
- C. To define the scope of testing
- D. All of the above

## Q. 212: Which of these can be successfully tested using Loop Testing methodology?

- A. Simple Loops
- B. Nested Loops
- C. Concatenated Loops
- D. All of the above

#### Q. 213: Cyclomatic Complexity method comes under which testing method.

- A. White box
- B. Black box
- C. Green box
- D. Yellow box

## Q. 214: A reliable system will be one that:

- A. Is unlikely to be completed on schedule
- B. Is unlikely to cause a failure
- C. Is likely to be fault-free
- D. Is likely to be liked by the users

## Q. 215: Which, in general, is the least required skill of a good tester?

- A. Being diplomatic
- B. Able to write software
- C. Having good attention to detail
- D. Able to be relied on

## Q. 216: A regression test:

- A. Will always be automated
- B. Will help ensure unchanged areas of the software have not been affected
- C. Will help ensure changed areas of the software have not been affected
- D. Can only be run during user acceptance testing

## Q. 217: Function/Test matrix is a type of

- A. Interim Test report
- B. Final test report
- C. Project status report
- D. Management report

## Q. 218: The process starting with the terminal modules is called:

- A. Top-down integration
- B. Bottom-up integration
- C. None of the above
- D. Module integration

#### Q. 219: Verification is:

- A. Checking that we are building the right system
- B. Checking that we are building the system right
- C. Performed by an independent test team
- D. Making sure that it is what the user really wants

## Q. 220: The difference between re-testing and regression testing is

- A. Re-testing is running a test again; regression testing looks for unexpected side effects
- B. Re-testing looks for unexpected side effects; regression testing is repeating those tests
- C. Re-testing is done after faults are fixed; regression testing is done earlier
- D. Re-testing uses different environments, regression testing uses the same environment
- E. Re-testing is done by developers, regression testing is done by independent testers

## Q. 221: Testing should be stopped when:

- A. All the planned tests have been run
- B. Time has run out
- C. All faults have been fixed correctly
- D. Both A. and C.
- E. I depends on the risks for the system being tested

# Q. 222: Which of the following is the main purpose of the integration strategy for integration testing in the small?

- A. To ensure that all of the small modules are tested adequately
- B. To ensure that the system interfaces to other systems and networks
- C. To specify which modules to combine when and how many at once
- D. To ensure that the integration testing can be performed by a small team
- E. To specify how the software should be divided into modules

## Q. 223: Which of the following is NOT part of configuration management:

- A. Status accounting of configuration items
- B. Auditing conformance to ISO9001
- C. Identification of test versions
- D. Record of changes to documentation over time
- E. controlled library access

#### Q. 224: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. 225: A tool that supports traceability, recording of incidents or scheduling of tests is called:

- A. A dynamic analysis tool
- B. A test execution tool
- C. A debugging tool
- D. A test management tool
- E. A configuration management tool

## Q. 226: The cost of fixing a fault:

- A. Is not important
- B. Increases as we move the product towards live use
- C. Decreases as we move the product towards live use
- D. Is more expensive if found in requirements than functional design
- E. Can never be determined
- Q. 227: Order numbers on a stock control system can range between 10000 and 99999 inclusive. Which of the following inputs might be a result of designing tests for only valid equivalence classes and valid boundaries:
- A. 1000, 5000, 99999
- B. 9999, 50000, 100000
- C. 10000, 50000, 99999
- D. 10000, 99999
- E. 9999, 10000, 50000, 99999, 10000
- Q. 228: When what is visible to end-users is a deviation from the specific or expected behavior, this is called:
- A. An error
- B. A fault
- C. A failure
- D. A defect
- E. A mistake
- Q. 229: Which expression best matches the following characteristics or review processes:
- 1. Led by author
- 2. Undocumented
- 3. No management participation
- 4. Led by a trained moderator or leader
- 5. Uses entry exit criteria
- s) Inspection
- t) Peer review
- u) Informal review
- v) Walkthrough
- A. s = 4, t = 3, u = 2 and 5, v = 1
- B. s = 4 and 5, t = 3, u = 2, v = 1
- C. s = 1 and 5, t = 3, u = 2, v = 4
- D. s = 5, t = 4, u = 3, v = 1 and 2
- E. s = 4 and 5, t = 1, u = 2, v = 3

## Q. 230: Given the following:

Switch PC on Start "outlook" IF outlook appears THEN Send an email Close outlook

- A. 1 test for statement coverage, 1 for branch coverage
- B. 1 test for statement coverage, 2 for branch coverage
- C. 1 test for statement coverage. 3 for branch coverage
- D. 2 tests for statement coverage, 2 for branch coverage
- E. 2 tests for statement coverage, 3 for branch coverage

## Q. 231: Test managers should not:

- A. Report on deviations from the project plan
- B. Sign the system off for release
- C. Re-allocate resource to meet original plans
- D. Rise incidents on faults that they have found
- E. Provide information for risk analysis and quality improvement

## Q. 232: Which of the following is NOT part of system testing:

- A. Business process-based testing
- B. Performance, load and stress testing
- C. Requirements-based testing
- D. Usability testing
- E. Top-down integration testing

### Q. 233: When a new testing tool is purchased, it should be used first by:

- A. A small team to establish the best way to use the tool
- B. Everyone who may eventually have some use for the tool
- C. The independent testing team
- D. The managers to see what projects it should be used in
- E. The vendor contractor to write the initial scripts

## Q. 234: Which of the following is not part of performance testing:

- A. Measuring response time
- B. Measuring transaction rates
- C. Recovery testing
- D. Simulating many users
- E. Generating many transactions

## Q. 235: What is the purpose of test completion criteria in a test plan:

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

### Q. 236: Given the following code, which is true:

IF A > B THEN C = A - B ELSE C = A + B ENDIF Read D

IF C = D Then Print "Error" ENDIF

- A. 1 test for statement coverage, 3 for branch coverage
- B. 2 tests for statement coverage, 2 for branch coverage
- C. 2 tests for statement coverage. 3 for branch coverage
- D. 3 tests for statement coverage, 3 for branch coverage
- E. 3 tests for statement coverage, 2 for branch coverage

## Q. 237: Unreachable code would best be found using:

- A. Code reviews
- B. Code inspections
- C. A coverage tool
- D. A test management tool
- E. A static analysis tool

#### Q. 238: What information need not be included in a test incident report:

- A. How to fix the fault
- B. How to reproduce the fault
- C. Test environment details
- D. Severity, priority
- E. The actual and expected outcomes

## Q. 239: Which of the following is NOT included in the Test Plan document of the Test Documentation Standard:

- A. Test items (i.e. software versions)
- B. What is not to be tested
- C. Test environments
- D. Quality plans
- E. Schedules and deadlines

## Q. 240: IEEE 829 test plan documentation standard contains all of the following except:

- A. Test items
- B. Test deliverables
- C. Test tasks
- D. Test environment
- E. Test specification

## Q. 251: Which of the following is NOT a black box technique:

- A. Equivalence partitioning
- B. State transition testing
- C. LCSAJ
- D. Syntax testing
- E. Boundary value analysis

## Q. 252: Expected results are:

- A. Only important in system testing
- B. Only used in component testing
- C. Never specified in advance
- D. Most useful when specified in advance
- E. Derived from the code

### Q. 253: Beta testing is:

- A. Performed by customers at their own site
- B. Performed by customers at their software developer's site
- C. Performed by an independent test team
- D. Useful to test bespoke software
- E. Performed as early as possible in the lifecycle

## Q. 254: Consider the following:

Pick up and read the newspaper Look at what is on television

If there is a program that you are interested in watching then switch the television on and watch the program

Otherwise

Continue reading the newspaper

If there is a crossword in the newspaper then try and complete the crossword

- A. SC = 1 and DC = 1
- B. SC = 1 and DC = 2
- C. SC = 1 and DC = 3
- D. SC = 2 and DC = 2
- E. SC = 2 and DC = 3

# Q. 255: A typical commercial test execution tool would be able to perform all of the following EXCEPT:

- A. Generating expected outputs
- B. Replaying inputs according to a programmed script
- C. Comparison of expected outcomes with actual outcomes
- D. Recording test inputs
- E. Reading test values from a data file

## Q. 256: Consider the following statements about early test design:

- i. Early test design can prevent fault multiplication
- ii. Faults found during early test design are more expensive to fix
- iii. Early test design can find faults
- iv. Early test design can cause changes to the requirements
- v. Early test design takes more effort
- A. i, iii & iv are true. Ii & v are false
- B. iii is true, I, ii, iv & v are false
- C. iii & iv are true. i, ii & v are false
- D. i, iii, iv & v are true, ii us false
- E. i & iii are true, ii, iv & v are false

## Q. 257: Given the following code, which is true about the minimum number of test cases required for full statement and branch coverage:

Read P Read Q IF P+Q > 100 THEN Print "Large" ENDIF

If P > 50 THEN Print "P Large" ENDIF

- A. 1 test for statement coverage, 3 for branch coverage
- B. 1 test for statement coverage, 2 for branch coverage
- C. 1 test for statement coverage, 1 for branch coverage
- D. 2 tests for statement coverage, 3 for branch coverage
- E. 2 tests for statement coverage, 2 for branch coverage

## Q. 258: The place to start if you want a (new) test tool is:

- A. Attend a tool exhibition
- B. Invite a vendor to give a demo
- C. Analyse your needs and requirements
- D. Find out what your budget would be for the tool
- E. Search the internet

## Q. 259: Error guessing is best used

- A. As the first approach to deriving test cases
- B. After more formal techniques have been applied
- C. By inexperienced testers
- D. After the system has gone live
- E. Only by end users

## Q. 260: Exit Criteria may consist of:

- i. Thoroughness measures, such as coverage of code, functionality or risk
- ii. Estimates of Defect density or reliability measures.
- iii. Residual risk such as defects not fixed or lack of test coverage in certain areas
- iv. Verifying the Test Environment.
- A. iv is correct and i, ii, iii are incorrect.
- B. i,ii,iii is correct and iv is incorrect
- C. ii is correct and i,ii,iii are incorrect
- D. iii and iv are correct and i,ii are incorrect
- Q. 261: One of the fields on a form contains a text box, which accepts alphabets in lower or upper case. Identify the invalid Equivalance class value.
- A. CLASS
- B. cLASS
- C. CLass
- D. CLa01ss

## Q. 262: The Kick Off phase of a formal review includes the following:

- A. Explaining the objective
- B. Fixing defects found typically done by author
- C. Follow up
- D. Individual Meeting preparations

## Q. 263: Peer Reviews are also called as:

- A. Inspection
- B. Walkthrough
- C. Technical Review
- D. Formal Review

## Q. 264: Validation involves which of the following

- i. Helps to check the Quality of the Built Product
- ii. Helps to check that we have built the right product.
- iii. Helps in developing the product
- iv. Monitoring tool wastage and obsoleteness.
- A. Options i,ii,iii,iv are true.
- B. ii is true and i,iii,iv are false
- C. i.ii.iii are true and iv is false
- D. iii is true and i,ii,iv are false.

#### Q. 265: Success Factors for a review include:

- i. Each Review does not have a predefined objective
- ii. Defects found are welcomed and expressed objectively
- iii. Management supports a good review process.
- iv. There is an emphasis on learning and process improvement.
- A. ii,iii,iv are correct and i is incorrect
- B. iii, i, iv is correct and ii is incorrect
- C. i , iii , iv , ii is in correct
- D. ii is correct

#### Q. 266: Which of the following helps in monitoring the Test Progress:

- i. Percentage of Test Case Execution
- ii. Percentage of work done in test environment preparation.
- iii. Defect Information e.g. defect density, defects found and fixed
- iv. The size of the testing Team and skills of the engineers
- A. iv is correct and i,ii,iii are incorrect
- B. i,ii,iii are correct and iv is incorrect
- C. i,ii are correct and iii,iv are incorrect
- D. i,iv are correct and ii, iii are incorrect

## Q. 267: Defects discovered by static analysis tools include:

- i. Variables that are never used.
- ii. Security vulnerabilities.
- iii. Programming Standard Violations
- iv. Uncalled functions and procedures
- A. i , ii,iii,iv is correct
- B. iii ,is correct I,ii,iv are incorrect.
- C. i ,ii, iii and iv are incorrect
- D. iv, ii is correct

## Q. 268: Which of the following is true about White and Black Box Testing Technique:-

- A. Equivalence partitioning, Decision Table and Control flow are White box Testing Techniques.
- B. Equivalence partitioning, Boundary Value Analysis , Data Flow are Black Box Testing Techniques.
- C. Equivalence partitioning , State Transition , Use Case Testing are black box Testing Techniques.
- D. Equivalence Partitioning, State Transition, Use Case Testing and Decision Table are White Box Testing Techniques.

## Q. 269: Which of the following techniques is NOT a black box technique?

- A. State transition testing
- B. LCSAJ (Linear Code Sequence and Jump)
- C. Syntax testing
- D. Boundary value analysis

## Q. 270: Features of White Box Testing Technique:

- We use explicit knowledge of the internal workings of the item being tested to select the test data.
- ii. Uses specific knowledge of programming code to examine outputs and assumes that the tester knows the path of logic in a unit or a program.
- iii. Checking for the performance of the application
- iv. Also checks for functionality.
- A. i, ii are true and iii and iv are false
- B. iii is true and i,ii, iv are false
- C. ii ,iii is true and i,iv is false
- D. iii and iv are true and i,ii are false

## Q. 271. The Provision and Management of a controlled library containing all the configurations items is called as

- A. Configuration Control
- B. Status Accounting
- C. Configuration Identification
- D. Configuration Identification

## Q. 272: The selection of a test approach should consider the context:

- Risk of Failure of the Project, hazards to the product and risks of product failure to humans
- ii. Skills and experience of the people in the proposed technique, tools and methods
- iii. The objective of the testing endeavor and the mission of the testing team.
- iv. The size of the testing Team
- 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. 273: Benefits of Independent Testing

- A. Independent testers are much more qualified than Developers
- B. Independent testers see other and different defects and are unbiased.
- C. Independent Testers cannot identify defects.
- D. Independent Testers can test better than developers

## Q. 274: Minimum Test Required for Statement Coverage:

Disc = 0
Order-qty = 0
Read Order-qty
If Order-qty >=20 then
Disc = 0.05
If Order-qty >=100 then
Disc =0.1
End if
End if

- A. Statement coverage is 4
- B. Statement coverage is 1
- C. Statement coverage is 3
- D. Statement Coverage is 2

#### Q. 275: Test Conditions are derived from:

- A. Specifications
- B. Test Cases
- C. Test Data
- D. Test Design

#### Q. 276: Which of the following is the task of a Test Lead / Leader.

- Interaction with the Test Tool Vendor to identify best ways to leverage test tool on the project.
- ii. Write Test Summary Reports based on the information gathered during testing
- iii. Decide what should be automated, to what degree and how.
- 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. 277: Impact Analysis helps to decide:

- A. How much regression testing should be done.
- B. Exit Criteria
- C. How many more test cases need to written.
- D. Different Tools to perform Regression Testing

#### Q. 278: Drivers are also known as:

- i. Spade
- ii. Test harness
- iii. Scaffolding
- A. i, ii are true and iii is false
- B. i , iii are true and ii is false
- C. ii, iii are true and i is false
- D. All of the above are true

## Q. 279: Which of the following is not a type of incremental testing approach?

- A. Top down
- B. Big-bang
- C. Bottom up
- D. Functional incrementation.

#### Q. 280: In a system designed to work out the tax to be paid:

An employee has £4000 of salary tax free. The next £1500 is taxed at 10% The next £28000 is taxed at 22% Any further amount is taxed at 40% Which of these groups of numbers would fall into the same equivalence class?

A. £4800; £14000; £28000 B. £5200; £5500; £28000 C. £28001; £32000; £35000 D. £5800; £28000; £32000

#### Q. 281: In case of Large Systems:

- A. Only few tests should be run
- B. Testing should be on the basis of Risk
- C. Only Good Test Cases should be executed.
- D. Test Cases written by good test engineers should be executed.

## Q. 282: What is the expected result for each of the following test cases?

	Rule1	Rule2	Rule3	Rule4
Conditions				

Citibank Card	Yes	Yes	No	No
Member				
Type of Room	Silver	Platinum	Silver	Platinum
Actions				
Offer upgrade	Yes	No	No	No
To Gold Luxury				
Offer upgrade to Silver	N/A	Yes	N/A	No

- A. Citibank card member, holding a Silver room
- B. Non Citibank-member, holding a Platinum room
- A. A Don't offer any upgrade, B Don't offer any upgrade.
- B. A Don't offer any upgrade, B Offer upgrade to Gold.
- C. A Offer upgrade to Silver, B Offer upgrade to Silver.
- D. A Offer upgrade to Gold, B Don't offer any upgrade.

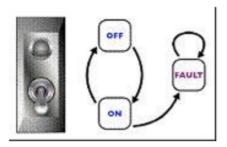
## Q. 283: Which of the following is not phase of the Fundamental Test Process?

- A. Test Planning and Control
- B. Test implementation and Execution
- C. Requirement Analysis
- D. Evaluating Exit criteria and reporting

## Q. 284: The structure of an incident report is covered in the Standard for Software Test Documentation IEEE 829 and is called as:

- A. Anomaly Report
- B. Defect Report
- C. Test Defect Report
- D. Test Incident Report
- Q. 285: Repeated Testing of an already tested program, after modification, to discover any defects introduced or uncovered as a result of the changes in the software being tested or in another related or unrelated software component:
- A. Re Testing
- B. Confirmation Testing
- C. Regression Testing
- D. Negative Testing

# Q. 286: Consider the following state transition diagram of a switch. Which of the following represents an invalid state transition?



- A. OFF to ON
- B. ON to OFF
- C. FAULT to ON

# Q. 287: We use the output of the requirement analysis, the requirement specification as the input for writing:

- A. User Acceptance Test Cases
- B. Integration Level Test Cases
- C. Unit Level Test Cases
- D. Program specifications

## Q. 288: Regression testing should be performed:

- Every week
- ii. After the software has changed
- iii. As often as possible
- iv. When the environment has changed
- v. When the project manager says
- A. i & ii are true, iii, iv & v are false
- B. ii, iii & iv are true, i & v are false
- C. ii & iv are true, i, iii & v are false
- D. ii is true, i, iii, iv & v are false

# Q. 289: Evaluating testability of the requirements and system are a part of which phase:-

- A. Test Analysis and Design
- B. Test Planning and control
- C. Test Implementation and execution
- D. Evaluating exit criteria and reporting

## Q. 290: Which of the following has highest level of independence in which test cases are:

- A. Designed by persons who write the software under test
- B. Designed by a person from a different section
- C. Designed by a person from a different organization
- D. Designed by another person

### Q. 291: Test planning has which of the following major tasks?

- i. Determining the scope and risks, and identifying the objectives of testing.
- ii. Determining the test approach (techniques, test items, coverage, identifying and interfacing the teams involved in testing, testware)
- iii. Reviewing the Test Basis (such as requirements, architecture, design, interface)
- iv. Determining the exit criteria.
- A. i,ii,iv are true and iii 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. 292: Deciding How much testing is enough should take into account :-

- i. Level of Risk including Technical and Business product and project risk
- ii. Project constraints such as time and budget
- iii. Size of Testing Team
- iv. Size of the Development Team
- 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. 293: Which of the following will be the best definition for Testing:

- A. The goal / purpose of testing is to demonstrate that the program works.
- B. The purpose of testing is to demonstrate that the program is defect free.
- C. The purpose of testing is to demonstrate that the program does what it is supposed to do.
- D. Testing is executing Software for the purpose of finding defects.

#### Q. 294: Minimum Tests Required for Statement Coverage and Branch Coverage:

Read P
Read Q
If p+q > 100 then
Print "Large"
End if
If p > 50 then
Print "pLarge"
End if

- A. Statement coverage is 2, Branch Coverage is 2
- B. Statement coverage is 3 and branch coverage is 2
- C. Statement coverage is 1 and branch coverage is 2
- D. Statement Coverage is 4 and Branch coverage is 2

- Q. 295: Match every stage of the software Development Life cycle with the Testing Life cycle:
- i. Hi-level design a Unit tests
- ii. Code b Acceptance tests
- iii. Low-level design c System tests
- iv. Business requirements d Integration tests
- A. i-d, ii-a, iii-c, iv-b
- B. i-c , ii-d , iii-a , iv-b
- C. i-b, ii-a, iii-d, iv-c
- D. i-c , ii-a , iii-d , iv-b
- Q. 296: Which of the following is a part of Test Closure Activities?
- i. Checking which planned deliverables have been delivered
- ii. Defect report analysis.
- iii. Finalizing and archiving testware.
- iv. Analyzing lessons.
- A. i , ii , iv are true and iii is false
- B. i , ii , iii are true and iv is false
- C. i , iii , iv are true and ii is false
- D. All of above are true
- Q. 297: Which of the following is NOT part of a high level test plan?
- A. Functions not to be tested.
- B. Environmental requirements.
- C. Analysis of Specifications.
- D. Entry and Exit criteria.
- Q. 298: If a candidate is given an exam of 40 questions, should get 25 marks to pass (61%) and should get 80% for distinction, what is equivalence class.
- A. 23, 24, 25
- B. 0, 12, 25
- C. 30, 36, 39
- D. 32,37,40

- Q. 299: Which of the following statements is true of static analysis:
- A. Compiling code is not a form of static analysis.
- B. Static analysis need not be performed before imperative code is executed.
- C. Static analysis can find faults that are hard to find with dynamic testing.
- D. Extensive statistic analysis will not be needed if white- Box testing is to be performed.

Q. 300: In a system designed to work out the tax to be paid: An employee has \$4000 of salary tax free. The next \$1500 is taxed at 10% The next \$28000 is taxed at 22% Any further amount is taxed at 40%

Which of these groups of numbers would fall into the same equivalence class?

A. \$5800; \$28000; \$32000 B. \$0; \$200; \$4200

C. \$5200; \$5500; \$28000

D. \$28001; \$32000; \$35000