**Dovetail Dumps**

Green – Came in my Paper

Pink – Unsure about answer

Yellow – 100% Correct Answer

1. ------- Function returns the starting position of one string within another, and is case sensitive? **Find (instring)**
2. The basic criteria to be followed while testing a web application are

a. Flow

**b. All-path**

**c. Page**

**d. Hyperlink Testing**

1. In which type of testing, look and feel consistency comes?

**a. Usability**

b. GUI

c. Basic Functional

d. All

1. ------ Key techniques used in security testing are

a. SQL injection

b. Phishing

c. Vulnerability

**d. All**

1. In which stage QE starts

I. Design

II. Development

a. I

**b. II**

c. Both

d. None

1. ------- Are interfaces of web application

a. Application sever interface

b. DB server interface

c. Web Server Interface

d. **Web & application server interface and application &DB interface**

1. A new test case is added in QC using

a. Add new test case

b. Add new test set

**c. New test case**

d. New test set

e. All

1. -------Testing is critical in web application testing

**a. Compatibility**

b. DB

c. ----

d. -----

1. ------ is a way of attempting to acquire information such as Usernames, password, and Credit card details by masquerading as a trustworthy entity in an electronic communication.

a. SQL injection

**b. Phishing**

c. Vulnerability

d. All

1. Stress testing is -----(check box)

**a. Memory leaks**

**b. Race Conditions**

**c. Synchronization issues**

d. None

1. To accommodate future loads, you need to know how many additional resources are necessary to support future usage levels. **Capacity testing**
2. Simulators play big role when there are no mobile devices available for testing.(**TRUE**/FALSE)
3. **Release Management** – not the Test team – is responsible for installing the solution into the Product environment.
4. Find Bugs is a static analysis tool that examines your class or JAR files. (**TRUE**/FALSE)
5. Principles of BDD (check box)

a. **Enough is enough**

b. **Deliver stakeholder value**

c. **It’s all behavior**

1. Exploratory testing **Ans. serves time pressures.**
2. It is important that when a defect is raised, it is generated through test lab. (TRUE/**FALSE**)
3. It is not important that when a defect is raised, it is generated through test lab. (**TRUE**/FALSE)\*\*\*
4. Defect leakage is because of ---- (check box)

**a. Missed Requirement**

**b. Test Coverage Inefficiency**

**c. Tester’s Inefficiency**

1. What is defect leakage?

**Defects which have been missed in one stage, But Identifying the subsequent stages.**

1. All types of templates are available in c2.0. (TRUE/**FALSE**)
2. Process types of templates are available in c2.0. (**TRUE**/FALSE)
3. Is it possible to get the templates for all process in c2.0 (T/**F**)
4. It is not needed to exclude a project from PHS score.(Check box)

**a. Closing a WMP**

**b. Closing a project**

c. Set IE factor

d. None

1. Which projects are ported to c2.0 from ESA?

**a. Proposal**

b. Bench

**c. External**

d. Administrative

1. QC has defect tab for defect management (**TRUE**/FALSE)
2. In defect tab what can be done….(check box)

**a. Defect reports**

**b. Create**

**c. Manage**

**d. Update**

1. Initial stage of software life cycle is **Requirement Analysis.**
2. Which is not the type of severity?

**a. Severe**

b. High

c. Medium

d. Low

e. Critical

1. Baseline RTM is exit criteria for test execution (**TRUE**/FALSE)

1. Exit criteria is used to

a. Determine when the test case is completed

**b. Defines when the test case level is complete**

c. ----------------

d. ------------- -----

1. Junit4 allows grouping of test cases (**TRUE**/FALSE)
2. Documenting requirements is used to know the problems of the system. (**TRUE**/FALSE)
3. Cross browser compatibility testing can be automated. (**TRUE**/FALSE)
4. Filtering can be used for the data manipulation and data retrieval. (**TRUE**/FALSE)
5. QC allows the following features. (check box)

a. Filter and cross filter records

b. Sort and group sort records

c. Alerts and follow up flags

d. Snapshot

**e. All of the above**

1. Dashboard benefits

a. Manage risk of mission-critical applications

b. -----------

c. -------

d. **All of the above**

1. Shared files(definition)—**Enables sharing or re-using of existing set of entities in projects across enterprise**
2. A project metrics once closed can opened by reopening it (TRUE/**FALSE**)
3. ….. Gives 100% test coverage

a. Branch coverage

b. Statement coverage

**c. RTM**

d. ……..

1. What type of testing done by developers

**a. Alpha**

b. Beta

c. Gamma

d. Compatibility and migration testing

1. Which factors depends on project

a. Severity

b. Release

c. Developer

**d. All**

1. What are the types of testing techniques(checkbox)

**a. Dynamic**

**b. Static**

**c. Experience Based**

**d. Error Guessing**

1. ------- testing is performed before the application is rolled out?

**a. UAT**

b. System

c. Integration

d. Regression

1. Pareto analysis is based on classical **80/20 rule**. (**TRUE**/FALSE)
2. Pareto analysis uses following tools.

**a. Why –why analysis**

**b. Fishbone (or) cause & effect diagram**

1. Pareto analysis is used to **root cause analysis** for potential identify the defects.
2. CAR is the combination of pareto analysis &root cause analysis (**TRUE**/FALSE)
3. Testing forms are

a. Junit

b. TestNG

c. JTesting

**d. a & b**

e. all

1. Defect tracking is not a good suggestion for testing.(TRUE/**FALSE**)
2. Metrics frequency can be selected by enabling

a. Enabling metrics

**b. Enable testing metrics**

c. Benchmarks

d. --------

1. OLBM stands for……

**a. Organizational level bench mark**

b. Operational level bench mark

c. -------

d. -------

1. Types of review

a. Informal review

b. Walkthrough

c. Technical review

d. Inspection

e. **All of the above**.

1. Informal review(checkbox)

**a. No formal process**

**b. May take the form of pair programming or a technical lead reviewing designs and code result may be documented**

**c. Varies in usefulness depending on the reviewers**

**d. Main purpose: inexpensive way to get some benefit**

1. Database testing is

a. Checking tables

b. Writing queries

c. Procedures

**d. All of the above**

1. Nonfunctional requirements

a. Stress testing requirement

b. Portability

c. Performance

**d. All of the above**

1. ----- Tool used to identify the source code, physical application that is causing the bottle neck.

a. Silk performer

**b. Rational performance tester**

c. Qtest

d. HPLoad Runner

1. Goal analysis is not used to identify the incomplete inconsistency requirement. (TRUE/**FALSE**)
2. -------- Tool is used to identity whether all the functional specifications are met.

a. QTP

**b. RTM**

c. DTM

d. Load Runner

1. Testing metrics are enabled --------hrs.’

**a. 24**

b. 36

c. 48

d. ------

1. Cannot generate various defect reports from QC defect tab (T/**F**)
2. When you open a project in QC, it opens & display module in which we are last working (**T**/F)
3. Bug triage meeting are project meetings in which open bugs are divided into categories (**T**/F)
4. Which of following are not key task for defect tracking (radio?)

a. Retest defects and repair open defects

b. Analyze defect data

c. Add defect and Review New defects

**d. None**

1. Which of the following is broken down into individual task such as processes, decisions,& then connected

**a. Activity diagram**

b. Use case

c. Requirement

d. none

1. Checking if communication is proper b/w web server- Application server and Application server – database server and vice versa

**a. Server interface,**

b. internal interface,

c. External interface

d. all

1. What comes just before test execution--- **Test Development**
2. Select valid defect types

**a. Functional**

b. Integration

c. Developmental

d. Rational

e. Network

1. Which is not COQ

**a. Testing**

**b. Production**

c. Prevention

d. Appraisal

1. Frequent code check-in pushes developer to create modular, less complex code (**T**/F)
2. Which annotation in Junit4 replaces the setup method in Junit3 (eLearning)— **Before Class**

1. While designing test case very common mistakes we do

a. Perform a through clean up

**b. Incomplete , incorrect or incoherent set up**

**c. Write too short test cases**

**d. Unclear about test result**

**e. miss a step**

1. ”Action verbs” used in Test scenario(check box)

**a. Verify**

**b. Validate**

**c. Evaluate**

d. Test

e. connect

1. Priority is criticality of test case (T/**F**)
2. Project repository is automatically created wen we create a project to store document. (**T**/F)
3. Version control system is feasible for \_\_\_\_\_\_\_\_\_\_\_\_

a. Test plan and business modeling

b. Test resource

c. Requirement

**d. All listed**

1. Cannot generate various defect reports from QC defect tab (T/**F**)
2. Key task for running test (radio)

a. Create test sets

b. schedule runs

c. run test and analyze test results

**d. all**

1. Who will generate defect report?

a. PM

b. TL

c. TM

d. Developer

**e. tester**

1. Is data validation & Verification distinct and how

**Validation check** is used to check the errors such as wrong type of data (enter number instead of text), data values that are too big or too small.

**Verification check** is used to check data accuracy. All the entered info is correct or not.

1. Tools of Automation (check box)

**a.** Load runner

**b. Rational robot**

**c. silk test**

**d. QTP**

1. What is the need of Exit criteria??? **Defines when the test case level is complete**
2. What are the benefits of release modules (Release and cycle management) in QC??(Check box)

**a. Manage projects and assets against release and cycles**

**b. Track release progress**

**c. Gain visibility into release readiness and release quality**

d. **Compare releases and cycles for continuous process improvement.**

1. What are the tools used for defect tracking??

**a. Excel**

**b. QC**

**c. QTP**

d. MS Word

1. What does MCDC stand for?

**Modified Condition/Decision Coverage**

1. Abusive language should be used for Effective Defect logging (T/**F**)
2. What happens when requirements are changing (Check box)
3. Metrics porting b/w Prolite & C20 occurs

a. Once in month

b. Every 24 hour

**c. Every hour**

d. None

1. Purpose of Use case modeling

**a. identify capsules to encapsulate data**

**b. actor system interaction**

**c. to identify prototype test cases**

**2 more options are there ( I guess all d above)**

1. How to create bug reports (radio)

a. Single bug in multiple report

b. Multiple bug in single report

**c. single bug in single report**

d. All above

1. C20 has provision to add Custom Metrics (**T**/F)
2. Forcing error conditions in System is

a. Exception

b. Negative

**c. Exception or negative**

1. It is important that defects encountered during test execution are created through test lab (**T**/F)
2. Benefits of requirement management
3. Type of requirements which satisfies the needs of customer or the consumer directly interacts with

a. operational requirements

**b. functional requirements**

c. technical requirements

d. transitional requirements

1. Status of the defect when it is logged

**a. new**

b. open

c. deferred

d. rejected

1. Where is IDE score card available in the C20

a. Process

**b. governance**

c. package

1. Steps in test run
2. Module to store test cases that are to be executed

**a) Test lab**

b) Test plan

1. Process package in C20 can be modified according to project need. **T**/F
2. Which of the following is not a test execution metrics?

**a. test design coverage**

b. test effectiveness

c. no of defects

1. Steps in load testing (stress) –CB

**a. identify scenarios**

**b. ‘’ load**

**c. Simulate load**

**d. Identify TC**

**e. Calculate metrics**

1. Type of testing good for automation

**a. Regression testing**

b. Retesting

1. Select the purpose of use case modeling –CB

**a. identify capsules to encapsulate data**

**b. actor system interaction**

**c. to identify prototype test cases**

1. Select the type of testing which can be automated CB

**a. regression**

**b. functional**

c. load

d. stress

e. performance

1. How many steps on root cause analysis **5(FIVE)**
2. Best defect prevention technique for long time

a. 5 why analysis

b. Pareto analysis

c. Cause effect

**d. RCA**

1. Type of dynamic test design technique

**a. BVA**

**b. Error guessing**

c. Reviews

1. All the defects are not process defects? **T**/F
2. In testing phase all the defects are application defects. (T/**F**)
3. Expansion of BDD **behavior driven development**
4. Risk based technique is a technique of test execution? **TRUE**/F
5. Defects found should be tracked on test lab **True**/False
6. Passive Voice should be used to reproduce defects T/**F**
7. \_\_\_\_\_\_\_is a structure for documenting the function required for a system, usually involving software whether that is new or being changed

**a. Use case**

b. Prototype

c. User Story

d. Test Case

1. Data validation -----check box

**a. Provides Message to define what the input you expect for cell is**

b. Can be applied to cells even when data exists in old

**c. Provides ability to set error message when user enter an invalid data**

d. Useful even when the workbook is protected and shared

a. **Restricts types of data entry in cell by using validation criteria**

1. Baseline is a snapshot of library at a specific point of time **T**/F
2. Advantage of unit testing

**a. Faster debugging**

**b. Faster development**

**c. Better design**

**d. Regression tool**

**e. Reduce future cost**

1. Defect aging is the different b/w the date when object fixed and the detection date **T**/F
2. Form testing
3. Best environment to test **Pre-production environment**
4. Pre-requisite means **Initial set up**
5. Continuous integration means applying quality controlled after Dev. (True/**false**)
6. Benefits of good requirements

**a. Agreement among stake holders**

**b. Sound basis for resource**

c. Improved system usability

1. Test Development effort is combination of Test cases and test scenarios (**true**/false)
2. Goals of defect triage meeting

a. Defer to next development phase

**b. Prioritize defects**

c. Defect scrap

d. Implement

1. Use case is a collection of success and failure scenarios description actor using a system to support a goal (**True**/False)
2. Mobile software testing includes (device)

**a. Functional testing**

**b. Usability testing**

**c. User interface Testing**

**d. Performance and stress testing**

**e. Load testing**

1. Review Defect Density (check box)

**a. Measure of team’s efficiency in designing test cases without review defects**

**b. Total no of review defects/actual project size**

1. From which status defect can be moved to deferred status

**a. Assigned or open**

b. Rejected

c. Reopen

d. Cancelled

1. Cognizant uses this tool for model based testing

a. Smartest

b. Requisite pro

**c. ADPART**

d. none

1. Application Defects are caused due to

**a. Coding Error**

**b. Missed requirement**

**c. Incomplete requirement document**

d. Test plan

1. During Requirement phase user must

**a. Attempt to determine client real needs**

b. Recognize client is not conscious of test requirements

c. Attempt identity current problems

1. Use cases are written from actor side (**True**/false)
2. Metric frequency is monthly/weekly (**True**/false)
3. Metric frequency is monthly/biweekly (True/**false**)
4. Beta testing Means—**Testing Done by Customer at their own site**
5. Sequence of actions and interactions between them in Use case

a. Transaction

b. Scenario

c. Case

**d. Flow**

1. Create new defect by filling up details & quit; Add defect & quit; window (**True**/false)
2. Benefits of CMS

**a. Decentralized**

**b. Easier authority and publishing**

**c. Dynamic content and versioning**

**d. Single source of content and reusability**

**e. Content stored in the DB and consistency of design**

1. Why data validation

**a. Provides Message to define what the input you expect for cell is**

b. Can be applied to cells even when data exists in old

**c. Provides ability to set error message when user enter an invalid data**

d. Useful even when the workbook is protected and shared

**e. Restricts types of data entry in cell by using validation criteria**

1. Following test artifacts, testing process defects/view defects are identified

**a. Test plan**

b. Missing requirements

1. Requirement analysis is process of determining user expectation for new/modified product (**True**/false)
2. Our approach user activity diagram as model/path to generate and maintain test cases (**True**/false)
3. Risk Clarification can be tracked in C2 (**True/**false).
4. Review is conducted to

a. Change the scope of project

**b. Tailoring the scope of project**

1. Risk assessment calculation is based on Business criticality, failure. (**True**/false).
2. Junit assumes that all test methods are arbitrary and thus does not depend on each other. (**True**/Pass).
3. QC defects tab defines Defect Management Process (**T**/F)
4. QC Defect tab is to implement defect in defect management process. (**T**/F)
5. Which among these contribute to COQ (Cost of Quality) Rework Task?

a. Production

**b. Failure**

c. Prevention

d. Appraisal

1. Device testing comprises which of the following (Checkbox)

**a. User Interface**

b. User Acceptance

**c. Performance and Stress**

**d. Functional**

1. Raw requirements from stakeholders is used for which

a. Verification

b. Validation

**c. Both**

d. None

1. Which of these can’t be shared?

a. Plan

b. Library

**c. Defects**

d. Test

1. Prerequisites are designed in which stage

**a. before initial setup**

b. after initial setup

c. during test execution

d. after test execution

1. Defect management involves (checkbox)

**a. analyze**

b. test

**c. defect logging**

d. coding

e. designing

1. Defect triage meeting is for categorizing defects (**T**/F)
2. Browser S/W Testing is NOT compatible on which browsers?

a. IE

**b. AOL**

c. Netscape

d. Opera

1. Test execution can be applied to

**a. Manual and Automation Testing**

b. System and Unit Testing

c. Function Requirement and Non Function Requirement Testing

1. OATS is used for pair wise testing of all possible combinations (**T**/F)
2. Path analyses are used for converting activity diagram to test cases (**T**/F)
3. Effort in C2.0 can be reflected in ESA (**T**/F)
4. Types of functional testing (checkbox)

**a. Smoke**

**b. Regression**

c. Performance

d. Stress

1. Can we integrate Outlook with c2.0 (**T**/F)
2. Which of the following is a logical grouping of test cases in QC

a. Test plan

b. Test case

c. Test lab

**d. Test set**

1. Walk through (Check box)

**a. Peer/Lead Checks**

**b. Typically done in group**

**c. Feedback given by attendees**

d. **Learning, understanding and finding defects**

1. Defect logging may effect (check box)

**a. Things inside the project**

b. Things outside the project

c**. Things around the project**

d. None

1. In c20, what’s there in public stream:

a. Blogs, Cweets posted by all the resources in our project

**b. Blogs, Cweet posted by all the resources from cognizant all dl**

c. Blogs,Cweet posted by all the resources within the community

1. Process package automatically after project in c20 (**T**/F)
2. Defect density/productivity

a. total no. of defects/no. of test cases executed \* 10

**b. total no. of defects/no. of test cases executed \* 100**

1. Benefits of risk based testing in QC

a. Objectively assess & prioritize the highest priority requirement

b. **All the above**

c. Provide guidance on where to allocate testing resources

d. Manage strategies and process

e. Objectively assess & prioritize the highest risk

1. RTM is the input for:

a. Change in requirements

**b. Efficient test execution**

1. Which of the following is not the feature of RTM?

**It is the tool developed…not…customer/client communication..**

1. Orthogonal Testing strategy:

**Guarantees testing pair –wise combination of all selected variables and test efficiency**

1. Which type of testing is used to verify the state of user login? **Load Testing**
2. Load testing and its tools. **LOad runner, Forecastweb, Eload**
3. Capacity testing and strain testing
4. What type of testing client will be interested? **Functional**
5. \_\_\_\_\_\_\_is a structure for documenting the function required for a system, usually involving software whether that is new or being changed

**e. Use case**

f. Prototype

g. User Story

h. Test Case

1. Data Validation is: (Checkbox)

**f. Provides Message to define what the input you expect for cell is**

g. Can be applied to cells even when data exists in old

**h. Provides ability to set error message when user enter an invalid data**

i. Useful even when the workbook is protected and shared

**j. Restricts types of data entry in cell by using validation criteria**

1. \_\_\_\_\_\_is a subset of data that is representative of larger class

a. Use Case

b. Boundary Value

c. Erroneous Value

d. Coverage

**e. Equivalence Class**

1. What are the requirements that identify the technical Constraints or define conditions under which the product must perform?

a. Operational Requirement

**b. Technical Req.**

c. Functional Req.

d. Transitional Req.

1. Which of these is carried out by a trained moderator?

a. Informal Review

b. Walkthrough

**c. Inspection**

d. Technical Review

1. Expansion of PMD

I. Program Mistake Detector

II. **Programming Mistake Detector**

a. I

b. Neither I nor II

c. Both

**d. II**

1. Logical AND, OR, NOT expands the usefulness of other function that perform logical test (**T**/F)
2. Not a key task for running test

a. Schedule run

b. Analyze Test Result

**c. Automate Test**

d. Run Test

1. Key task for Defect tracking

a. Review new defect

**b. All**

c. Add Defect

d. Repair open defect

1. \_\_\_ensures 100% coverage

**a. RTM**

b. Statement coverage

c. Branch coverage

d. Line coverage

e. Decision Coverage

1. Tools for change management

**a. PVCS**

**b. Clear Case**

c. QC

d. **Visual Source Safe**

1. Which is not Benefits of asset sharing

a. Ensure Company compliance

b. Maintain traceability between assets

**c. Compare Release and Cycle**

d. Eliminate Duplicate effort

1. Which is not Key task for defect tracking??

a. Retest Defect

b. Analyze Defect Data

**c. None**

d. Add Defect

1. OATS is pair wise testing that comprises all the combinations. (**T**/F)
2. DB testing is performed to

I. Test if any error while executing queries

II. Check default values are being populated

**a. Both**

b. Neither

c. I

d. II

1. SUMIFS adds the cells in a range that meet multiple criteria while Average IF returns the arithmetic mean of all the cell in the range that meets the criteria (**T**/F)
2. Where Record and Playback is used

I. Win Runner

II. QTP

a. I

b. II

**c. Both**

d. None

1. Assets sharing is useful to reuse, share the requirement, test reason … occurs in multiple project. **T**/F
2. Fish Bone diagram can be derived by doing Pareto Analysis for the Defect Leakage. **T**/F
3. Which annotations are available in JUnit4?

**a. Test**

b. Teardown

c. Setup

**d. Before**

1. Which documents contains the hardware and software needs for the applications:

a) Test Summary Report

b) Requirement Traceability Matrix

c) Test Estimation

**d)Test Plan**

1. What are the parameters to be covered in the Defect tracking? (Check box)

**a. Developer name**

**b. Defect status**

**c. Test case ID**

**d. Test case description**

**e. Severity**

1. What is the Testing methodologies that can be used to test a web application--- **a. Browser Compatibility Testing**

**b. Web Security Testing**

**c. Content Management System testing**

**d. OS compatibility**

1. Which of the following are the parameters used in defect data:(check box)

a. State of Origin

**b. All of the listed options**

c. Severity

d. Detection

1. Metric frequency can be either weekly or bi- weekly T/**F**
2. Pareto analysis using the following tools.

I. 5-why analysis

II. Fishbone (or) cause & effect diagram

**a. Both**

b. Only I

c. Only II

d. None

1. Validating performance and portability is which type of testing?

a. Usability

b. Scalability

**c. Non-Functional**

d. Functional

1. Test case and Test suite are the same thing? T/**F**
2. Usability testing mainly focuses on

**Evaluates the degree to which users can interact effectively with the web application**

1. A good test plan is not a tool to assess the quality of your application at any point in the application: State True or **False.**
2. Defect tracking is not a best practice to manage a project: State True or **False**
3. Automation testing is more beneficial in which of the given activity:

**a. Regression Testing**

b. User Interface Testing

c. Integration Testing

d. Defect Retesting

1. What are all the code review tools:

a. Ant, Maven

b. Junit, TestNG

c. None

**d. PMD, FindBugs**

1. What are the parameter to be covered in the Defect Description, while raising a defect:

a. Defect Number

b. All of the listed options

**c. Map Test case ID**

**d. Pre-requisite steps**

e. Defect Summary

1. We cannot generate activity diagrams by reverse engineering the code for test case of existing system : State True or **False**
2. What are the guidelines to be followed in Automation Testing :(check box)

**a. Efficient**

**b. Independent**

**c. Concise**

**d. Sufficient, Repeatable, traceable, verification**

e. Reliable

1. What are the guidelines to be followed in Web Security Testing?

a. Test by pasting internal URL directly into browser address bar without login internal pages

b. If you are Logged in, using user name and password and browsing internal pages , then try changing directly. If you are checking some publisher site statistics with publisher site ID =123 . Try directly changing parameter to different site ID which is not related to the logged in user , Access should be denied for the other stats

c. **All the listed options**

d. Test unauthorized access to secure pages should not be permitted

e. Test the CAPTCHA for automate scripts logins

1. Guideline standard followed in Accessibility testing is:

**a. HTML**

**b.** None

c**.** W3C(compatabilty)

**d. CSS**

1. Create test cases to adequately test the requirements in the benefit of Test Plan : **True/**F
2. Which of the following is the ability of a system to perform its required function under stated conditions for a specific period of time?

a. **All of the listed options**

b. Scalability

c. Performance

d. Reliability

1. Benefits of QC Applications are:

a. Click and attach important screenshots

b. Alert yourself on priority task

c. Customize columns in your way of style

d. **All of the listed options**

e. Getting Right data

1. Which of the below tools will be used for Automation Testing:(check box)

a. **QTP**

b. **Rational Robot**

c. Load runner

d. **Silk Test**

1. Which of the following are the parameters used in defect data:(check box)

a. State of Origin

b. **All of the listed options**

c. Severity

d. Detection

1. WMP can be created before creating the Process Package: State True or **False**
2. Load Testing is performed to measure :( check box)

a. **Response Times**

b. Web Application’s Breaking Point

c. Synchronization Issues

d. **Resource-Utilization Levels**

e. **Throughput Rates**

1. Logical functions like AND, OR and NOT expands the usefulness of other functions that perform logical: State **True** or False
2. Which of the following are the steps in Cause and Effect Diagram:(check box)

a. **Conduct a Brainstorm(2)**

b. **Identify the Defect Problem(1)**

c. **Draw Fishbone diagram(3)**

d. **Analyze and validate for Root Cause(5)**

e. **Align Outputs with Cause Categories(4)**

1. In a Testing phase all the defects are application defect: State True or **False**
2. Which of the following &quot;ActionVerbs&quot; should be considerd for designing:(check box)

**a. Evaluate**

**b. Validate**

c. Test

**d. Verify**

e. Connect

1. When unit tests fail or a bug emerges, developers might revert the codebase to a bugging to debugging: State **True** or False
2. Branch Coverage is used to eliminate problems that occurs with statement coverage: State **True** or False
3. List the GUI Components :( check box)

a. **Visibility of Multiple Windows for better handling of information**

b. **Choice of mouse or keyboard for the ones who find difficulty in typing**

c. Flexibility in interface handling

d. Seamless integration between the packaged applications and customized application of information

1. Which are not benefits of Release Modules in QC:

a. Compare release and cycles for continuous process improvement

**b. Maintain traceability between assets**

c. Track Release progress

d. Manage Projects and Assets against release and cycles

1. The main interfaces are Web &app, Application server interface and Web Database: State **True** or False
2. Performing root cause analysis on the potential defects identified in Pareto Analysis is to prevent that cause: State **True** or False
3. Failure to understand and manage requirements is the biggest single cause of cost and schedule over runs: State **True** or False
4. It is possible to copy a process package created by other users from different accounts: State True or **False**
5. How can &quot independent Test Cases &quot, be ensured while designing test cases:

**a. By using RTM**

b. none of the listed option

c. By using Test Design Tools

d. By using "Unconditional formatting"

e. By using "Conditional formatting"

1. Load runner allow you to prevent application performance problems before a new upgrade is deployed: State **True** or False
2. The Requirement Traceability Matrix (RTM) is a tool to help ensure that the project deliverables remain "as is" when compared to baseline: State **True** or False
3. What are the benefits of QC Applications :( check box)

a. **Customize columns in your way of style**

b. **Getting Right data**

c. **Alert yourself in priority task**

d. **Click and attach important screenshots**

1. Which documents contains the hardware and software needs for the applications:

a. Test Summary Report

b. Requirement Traceability Matrix

c. Test Estimation

d. **Test Plan**

1. What are the benefits of Risk Based Testing in QC?

f. Objectively assess & prioritize the highest priority requirement

g. **All the above**

h. Provide guidance on where to allocate testing resources

i. Manage strategies and process

j. Objectively assess & prioritize the highest risk

1. Which annotations are available in JUnit4?

1. Test

2. Teardown

3. Setup

4. Before

a. 2 & 3

b. All of the listed options

c. 1

**d. 1 & 4**

1. All testing type can be automated : State True or **False**
2. In which of the following testing artifacts, where the testing:

a. Missed Requirement

b. Incomplete Requirements

**c. Test Plan**

d. Coding Errors

1. While executing select the failed step and click on the new defect in test: State **True** or False
2. How will you create a Bug Report:

a. Multiple bugs in a single report

b. Single bug in multiple reports

**c. single bug in single report**

d. All the listed options

1. Impact of a defect on the business is defined by:

a. Defect Density

b. Defect Quality

c. Defect Priority

d. **Defect Severity**

1. Junit assumes that all test methods can be executed in an arbitrary order. Therefore tests should not depend on other tests: State **True** or False
2. Specific standards of user interface on web application exits which concentrate on----

**a. Fonts**

**b. Colors**

**c. Frames**

1. Content testing also concentrates on **location of images and size of images.**
2. In software life cycle just before comes test execution –**Test development.**
3. In Testing life cycle just before comes test execution-**Test cases**.
4. Major defect type identified in pareto analysis

i**) Document error**

**ii) Document typo error**

1. Individual test case is not associates with the specific requirements? T/**F**
2. SRS contains both functional and nonfunctional requirements? **T**/F
3. It is possible to tailor the process package as per project needs? **T**/F
4. Due to which following reasons does defect leakage occur?

**a. Missed requirements**

**b. Test coverage inefficiency**

**c. Testers inefficiency**

1. Guide lines of web security testing

**a. Test by pasting internal url directly into browser address bar without login. internal pages should not open**

**b. files should not be accessible directly unless given download option**

**c. Test the CAPTCHA automates scripts login.**

1. Release of Production is handled by

a. Test team

b. Development team

**c. Release management**

d. All

e. None

1. Can we use C2.0 at home? (**True**/False)
2. Asset sharing benefits

**a. Reuse and share requirements, test scripts and test resources across the project**

**b. Full traceability of shared assets is mentioned**

1. Performance testing tools

**Silk performer, RPT, Load Runner, Qtest**

1. Who will use JUnit? (**Developer**/Tester)
2. Which testing environment is sufficient for testing? **Pre-production**
3. Which belongs to Performance testing?

a. Usability

**b. Reliability (resource usage and scalability)**

c. Security

d. All the above

1. Which kind of defect where loss of data occurs and allows the user to enter the wrong values?

a. Critical

**b. High**

c. Medium

d. Low

1. What are the three methods used for test creation?

**Boundary Value Analysis, Equivalence partitioning, Decision Table**

1. Which one is the baseline for the project?

**a. Business Component**

**b. Requirement**

**c. Test**

**d. Test Resources**

1. Filtering can be used for data manipulation and data retrieval. (**True**/False)
2. Assets sharing features

**a. Eliminate the duplication of effort**

**b. Reduce maintenance cost of assets by centralizing common assets**

**c. Ensure compliance to company and industrial standards**

d. **Maintain traceability between assets**

1. Defect tracking can be used to track all the discrepancies faced during testing. (**True**/False)
2. Which can be used to find out the root cause

a. Pareto analysis

b. Cause and Effect diagram

c. 5 why analysis

**d. All the above**

1. % of defect leakage into the UAT/Production environment is called?

**If after release client found 9 defects, during the test, tester reported 201 defects and from these 20 defects were invalid. Then,**

**Defect Leakage = (9/201-20)\*100=4.9%**

1. CAR is the combination of pareto analysis and root cause analysis. (**True**/False)
2. Goal analysis cannot be used to identify the incomplete, inconsistency requirements. (True/**False**)
3. Where we can view the reports with the graphical representation? **Dashboard**
4. Step-by-step analysis of a variable can be done using **Watch window**
5. After which state the defect status can be changed to deferred

a. Re-Open

b. Closed

c. Rejected

**d. None of the above (Open or assigned)**

1. Risk based testing will – **Analyze and prioritize the risk**
2. OATS is used for pair wise testing of all combinations (**True**/False)
3. Browsers used for compatibility testing (checkbox)

a. AOL

**b. Internet explorer**

**c. Netscape**

**d. Opera**

1. Defect management involves (checkbox)

**a. Analysis**

**b. Create**

**c. Update**

1. Difference between functional specification and actual execution is called **Defect**
2. Test case is a controlled experiment – **TRUE**
3. Review is a type of \_\_\_\_\_\_\_\_\_\_\_\_ Examination

a. dynamic

**b. static**

c. Fixed

d. strategic

1. Path analysis uses the activity diagram for test case creation**. True**
2. Path analysis + model based testing 🡪 Activity diagram. **TRUE**
3. Each Test Scenarios are assigned to a case specific values **TRUE/**false
4. Long term defect elimination –

**a. RCA**

b. pareto Analysis

c. Casual analysis

1. Which level we can find the defects

a. design

b. requirements

c. ---------

**d. all of the above**

1. If we find a defect at the end of TEST EXECUTION

**a. Report to stakeholders and business analyst to get the sign off**

b. Reject the defect

**c. Report to team lead**

d. Report to project lead.

1. If we get an error when file is downloaded from the application —radio button

**a. Internal Interface**

b. External Interface

c. Server Interface

d. All of the above

1. When we open an application through a browser with underlying operating system. The testing which we perform is

**a. compatibility**

b. content management

c. operating system

d. all

1. no. of runs in JUNIT3.8 **6(six)**
2. no. of Test Runners in Junit 3.8- **3**
3. --------- is used to calculate the maturity IDE reports score

i) Data quality

ii) Planning granularity

iii) Testing Metrics

iv)

a)I,iii,iv

b)ii,iii,iv

**c)all**

1. Range is defined as:

**a. built in and user defined values for a particular range of cells**

1. activewindow.close() :

**a. prompts the user to save and closes the application**

b. prompts the user to save as new version and closes the application

c. just close the application

1. RISK Based Testing is used in(Check Box)

**a. Priority the risks**

**b. Analyse the risk**

c. high priority requirement

1. In an application --- resets the cut and copy action;

**a. applicationwindow.cutcopymode=false**

b. applicationwindow.cutcopy=true

c. applicationwindow.cutcopymode=true

d. applicationwindow.cutcopy=false.

1. no. of valid defects found in a single line of requirement --

a. Defect Ratio

b. Defect Volume

**c. Defect Density**

1. Which is not a benefit of Asset Sharing?

a. Eliminate duplicate effort

b. Company compliance

c. Maintain traceability between the assets

**d. compare releases and cycles**

1. HUDSON is used to see the repeated executable jobs **TRUE**
2. A new defect is created by filling up all mandatory fields in the &quot .add defect &quot ;window (**True**/f)
3. Which of the following are the key configuration management activities?

**a. Managing software change requirement**

**b. Managing the building process**

**c. Version controlling the testing artifacts**

d. Managing bugs using tracking tool

1. Which of the following metrics will get affected, if there is an incorrect allocation?

a. % core activities

b. none of the following

c. load factor

**d. all of the above**

e. effort variance

1. What does the location of build output on release server include?

a. Build no.

b. build count

c. none

**d. both a &b**

1. Which of the following environment is the best suited for testing an app

a. Test environment is sufficient to test before deploying the build into production environment to completely eliminate cost of having a pre-production /production environment cost

b. Any environment can be used as it may not affect the budget of project

**c. Pre-production environment should be built of scalable version of actual production environment**

1. When is the opt for tracking project made available to end user

a. during creation of project process

b. during creation of project

c. while enabling testing metric

**d. bench mark updates**

1. \_\_\_\_\_\_\_ is markups of an application, allowing users to visual an app that has not yet been constructed

**a. prototype**

b. use case

c. user type

d. none

1. Process package needs to be approved by?

**a. PM**

b. Project Lead

c. Quality Champion (Reviews the Process Package)

d. Quality Analysis

1. \_\_\_\_\_ represents sequence of actions and interactions between them? -**Flow**
2. Is it possible to view, create macro from the code options under developer tab? **T**/F
3. Event flows does not contain exception, which could cause alternate paths through flow events? T/**F**
4. Risk based Quality mgmt. can assist in determining test strategy for Requirement? **True**/F
5. Corrective action after the defect trend will be taken by (Test manager**, Test Lead**, Project Lead, Test Team member)
6. Test scenarios have a specific case value assigned to them **(True/**F)
7. To perform Functional testing, the tester should have complete knowledge of the code or logic (T**/False**)
8. Eligibility for project to be in C20.

**Project should be Active in ESA**

1. Assurance to handle the failure, when a file is in download is done by

**a. Internal**

b. External

c. Server

d. All

1. Test case should be **Concurrent** Or Well organized & reusable
2. Check style provides checks that find class design problems, duplicate code or bug patterns like double checked locking – **TRUE**
3. Three types of servers

**a. Web server**

**b. Application server**

**c. Database server**

1. % of browsers & OS can be covered as part of testing

a. OS usage testing

b. Usage testing

c. Browser testing

**d. Compatibility testing**

1. What’s get shared

**a. Requirements**

**b. Test plan**

**c. Test resources**

**d. Business components**

1. Defect trend is done by

a) Test Lead

**b) Test Manager**

c) Test Member

d) Project Manager

1. Risk based testing is done based on

a) test scripts based on highest risk

b) test scripts based on highest criticality

c) test scripts based on highest risk according to business needs

d) **all**

1. now() displays date and time in **mm/date/year time format.**
2. Document type error is detected in which step of pareto analysis

A why1 (Lack of documentation skills)

B why 2(Lack of trained resources)

**C why 3 (Lack of Training)**

D why 4 ( )

1. If defect is valid & rejected by developer then what will tester do???

**A tester reopen in bug tool**

B contact development manager

C contact test manager

1. Following cannot be raised as a defect?

**New suggestion**

1. Pareto analysis is said 80/20 for which reason??

**A 80% of brainstorm caused by 20% group people**

B 20% of brainstorm caused by 80% group people

1. Web application navigation covered in

1. functional testing

2. accessibility testing

3. Interface testing

**4. usability testing**

1. Requirements errors account for --- percentage of rework

1.10

2.20

3.25

**4.70 to 85**

1. Defect report contains

1. # raised defects

2. # fixed defects

3. # reopened defects

1. Rational performance tool - source code/application

Silk Performer tool— conducts load test

Qtest—quality deploy, check for anomalies for immediate correction

HPLoad runner—check for bottlenecks in build or deploy

1. Spike Testing comes under:

a. Load

**b. Stress** (http://www.geekinterview.com/question\_details/56890)

c. None

d. capacity

1. It is more costlier to find defects at the later stages of s/w life cycle (**T**/F)
2. If an error in requirement phase is found at maintenance time its effect is 100% (**T**/F)
3. Work list under Widgets

**a. Allocated tasks till date**

b. 3.5 months older from start date

c. 4 months older from planned date

d. ------------------

1. Well-developed test suite may not be required to achieve automation testing advantage. (T/**F**)
2. VBA full form – Visual Basic for Application
3. System Testing consists of both functional and non-functional testing. (**True**/False)
4. Capacity testing is done in conjunction with **Capacity Planning**.
5. Automation testing can execute thousands of complex test cases in a single run which can be impossible for manual team to execute. (**T**/F)
6. Developer found defect in smoke test and not issued as a defect and proceeds further because it will take some extra efforts to correct. This is a valid decision. T/**F**
7. Some of the techniques which are used in Test Designing part are:

**a. Static testing**

**b. Dynamic testing**

c. Functional testing

**d. Experience base testing**

**e. Structural testing**

1. What are the fields available in Test case template.
2. **Tester Name**
3. Severity
4. **Priority**
5. **Test Scenario**
6. **Expected result**
7. Which is the test used to check the invalid data modifications are happening due to over stress on application?

**a. Stress testing**

b. Load testing

c. Performance testing

d. Something……

1. Which are comes under the Non-functional testing (Check Box)

**a. Performance testing**

**b. Stress testing**

c. Something

d. Something

1. Which of the following allows to select multiple options?

**a. Check box**

**b. Drop down list**

c. Radio button

d. Text box

1. Definition of Cell in Excel

a. Some like one of the coordinate in the excel sheet

b. Combination of row and column

c. Can hold constant of formulae

**d. All of the above**

1. Something like to update in C2 it should get approval from ESA **T**/F
2. Which is test artifact for review reports or find discrepancy in something like that **Test plan**
3. Build is compiled in which server?(something like this)

a) Standalone server

**b) Release server**

c) Build server

1. Defects found in one requirement?

**a) defect density**

b) defect volume

c) defect ratio)

d) dynamic defect density

1. Deviation from the software is testing process defect. (True/**False**)
2. Can the status of a defect be changed from rejected to assign? **False**
3. Defects postponed to next cycle/ release are given which status? **Deferred**
4. Severity is criticality of Test Case. (**True**/False)
5. Debugging is carried out by?? **Developer**
6. **Causal Analysis** Another name for finding the root cause of defects
7. Comprehensive 360 degree testing – **Customer View, Functional View and Technical View (NFR’s)**
8. QTP is a UI automation framework is both windows and web based application **True**/False
9. Spike testing is subset of

1. Load testing

**2. Stress testing**

3. Capacity testing

4. None

1. Which is used for Data manipulation and data retrieval:

1. Snapshot

2. favourite views

**3. Filters and Cross filters**

4. follow and flag ups

1. Which is not used for Data manipulation and data retrieval:

**1. Snapshot**

2. favourite views

3. Filters and Cross filters

4. follow and flag ups

1. Cognizant testing services uses model based approach (**True**/False)
2. Which is used for calculating test efficiency(CB)

1.# of closed defects

2.# of invalid defects

3.# of defects leaked to next stage

**4.none**

1. A good test case

1. Economical

2. Accurate

3. Repeatable

**4. All**

1. Test Design Productivity: **No. of Test Cases prepared/ (Preparation Effort + Review Effort + Rework Effort for Design)**
2. What is the path to set Excel sheet Properties?

**Prepare🡪 Properties🡪 Document Properties**

**Questions from excel using macros**

1. How to protect Excel Work Book by the password “something”

**ActiveWorkBook.Protect (Password:=”something”)**

1. Follow the code and identify the output

Private Sub WrokBookOpen()

Sheets(“sheet1”).Range(“A1”)=Date

End Sub

**a. Assigns the value when the workbook is Opens an excel sheet 1, and assigns current date in cell A1**

b. Assigns the value when the workbook is closed

c. Assigns the value when the workbook is saved

1. To Create a Macro Enabled Workbook, save the workbook as:

a. Excel Binary workbook

b. Excel 97-2003 workbook

**c. Excel Macro Enabled workbook**

d. Excel workbook

e. Other Formats

1. Which of the following code snippets return the address of the current cell to the variable Cell Address: (checkbox?)

f. CellAddress = ActiveSheet.Activecell.address(x!A1)

**g. CellAddress = Activecell.Address(True, True)**

**h. CellAddress = Activecell.Address(False, False)**

i. CellAddress = ActiveSheet.Selection.Address(x!A1)

**j. CellAddress = Activecell.Address(False, False, x!R1C1)**

1. Forms and ActiveX controls cannot be added in an excel sheet and tagged to a macro code. T/**F**
2. Find the no of working days between two given days using excel Function

a. Days 360(Start Date, End Date)

b. All

c. DateDiff(Start Date, End Date)

**d. Network days(Start Date, End Date, Holidays) or work day(start\_date, days, [hoildays])**

1. What is the function to check day of a week?

a. weeknum

**b. weekday**

c. workday

d. networkdays

1. To highlight interesting cells, emphasize unusual values and repetitive data using scales

**a. Conditional formatting**

b. Data valid

c. Pivot table

d. What if analysis

1. To determine the no of working days between two given dates using excel macros.

**Network days (Start Date, End Date, Holidays)**

1. The statement used when multiple IF statements are to written in VBA

a. Do while

b. For next

c. While next

**d. Select case**

1. Select the count of cells with value between 15 and 26

a. Countif(val>=15 &val<= 26)

b. Countif(val>15 &val< 26)

c. Countifs(val>15 &val< 26)

**d. Countifs(val>=15 &val<= 26)**

1. Important is a cell formatting type in excel---**True**/F
2. Set cell = activeworkbook sheet(1).range(a1).find(&quot;code;&quot)

a. it starts searching for the strong “code” from cell range A1 on worksheet

**b. it starts searching for the strong “code” from cell range A1 on worksheet and return its cell address if it is available else false is returned**

**c. it starts searching for the strong “code” from cell range A1 on worksheet and return its cell address if it is available else false is returned**

d)it starts searching for the strong “code” from cell range A1 on worksheet and return true if it is available else false is return

1. How to protect Excel by the password “something”

For the workbook

**ActiveWorkbook.Protect (Password:=”Something”)**

For the work sheet level

**Activesheet.Protect (Password:=“something”)**

1. What the below code does

Set Title = ActiveWorkBook.Sheets(1).Range(A1).Find(What:=“some”)

1. Follow the code and identify the output

Private Sub WrokBookOpen()

Sheets (“sheet1”).Range(“A1”)=Date

End Sub

**d. Opens an excel sheet 1, and assigns current date in cell A1**

e. Assigns the value when the workbook is closed

f. Assigns the value when the workbook is saved

g. ---------------

1. Macro allows below for programming…. (checkbox)

**a. Charts**

**b. Pivots**

**c. Spread sheets**

1. Unprotecting the macros is done by file recovery. (TRUE/**FALSE**)
2. How to add work sheet at end of existing work sheet in current workbook

**Activeworkbook.sheets.AddAfter = sheets (Activeworkbook.sheets.count)**

1. Which of the following code snippets return the address of the current cell to the variable CellAddress:(check box)

a)CellAddress = ActiveSheet.Activecell.address(x!A1)

**b)CellAddress = Activecell.Address(True, True)**

**c)CellAddress = Activecell.Address(False, False)**

d)CellAddress = ActiveSheet.Selection.Address(x!A1)

**e)CellAddress = Activecell.Address(False, False, x!R1C1)**

1. IF error function in excel is supported in the version(s):

a) none

**b) 2007 only**

c) 2003 only

d) both 2003 & 2007

1. To Create a Macro Enabled Workbook, save the workbook as:

a) Excel Binary workbook

b) Excel 97-2003 workbook

**c) Excel Macro Enabled workbook**

d) Excel workbook

e) Other Formats

1. What does ActiveX control:(check box)

a) Can customize their appearance, behavior, fonts and other characteristics

**b) Cannot be modified to run Web scripts on Web pages**

**c) Cannot be added to chart sheets from the user interface or to XLM macro sheets**

**d) Can be used on worksheet forms, with or without the use of VBA code, and on VBA User form**

e) Shortcut menu contains the command Properties in design mode

1. The Cell A1 must contain the text & quote: This macro is run on clicking the push button !&quote: with the Serif, Bold and Green What is the code to reproduce this action: **a)Sub Button1\_Click()ActiveWorkbook.Sheets("Sheet1").Range("A1").Value = "This macro is run on button !" With ActiveWorkbook.Sheet("Sheet1").Range("A1").Font.Bold = True Name = "MS Sans Sent" Color = RGB(0,255,0)End with End Sub**

b)Sub Button1\_Click()ActiveWorkbook.Sheets("Sheet1").Range("A1").Value = "This macro is run on button !" With ActiveWorkbook.Sheet("Sheet1").Range("A1").Font.Bold = True Italics = "MS Sans Sent" Color = RGB(0,255,0)End with End Sub

c)Sub Button1\_Click()ActiveWorkbook.Sheets("Sheet1").Range("A1").Value = "This macro is run on button !" With ActiveWorkbook.Sheet("Sheet3").Range("A3").Font.Bold = True Face = "MS Sans Sent" Color = RGB(0,255,0)End with End Sub

d) Sub Button1\_Click()ActiveWorkbook.Sheets("Sheet1").Range("A1").Value = "This macro is run on button !" With ActiveWorkbook.Sheet("Sheet1").Range("A1").Font.Bold = True Name = "MS Sans Sent" Color = RGB(0,0,255)End with End Sub

1. Predefined the customizable Table and PivotTable styles in Light, Medium and Dark are to be applied to data ranges in a worksheet: State **True** or False
2. It is possible to set or reset the filter option in a sheet through macro code? **True**/F
3. Resets the status of cut or copy action in vba programming
4. You can also run your tests from your own code? **True**/F
5. By using which option we can be able to highlight cells, data bars, color scales and icon sets?

**Conditional formatting**

1. Pivot table data gets updated, whenever data gets changes or refreshed **True**
2. Cell highlighting, coloring, formatting is done by

a. pivot table

**b. conditional formatting**

1. If we give a number from 1 to 7 ----- function returns a number representing the day of a week **WEEKDAY**
2. What is cell??

**A cell is a specific location within a spreadsheet and is defined by the intersection of a row and column. Since most spreadsheets use numbers to define rows and letters to define columns, cells are often referenced by a letter and number combination. For example, the cell A3 is located in the first column (A), in the third row of a spreadsheet (or) A cell is a space for information or formulas. You can put a category and then put formulas or information in there to make a chart**

1. Record and stop recording of a macro in excel.(Navigation steps)

Select **Developer** and **Record Macro/stop** recording to record and unrecorded in Macro.

1. To Open workbook in current application path in folder macros

**1.Open filename:=Activeworkbook.path&” \\folder name\filename.xls “**

2.open filename:=Activeworkbook.path &” \\folder name & “\filename.xls”

3.none of the above

1. Record and test:

click column B

select column

copy column D

then perform paste operation, select paste selection, space unselect, transpose unselect press esc and quit.

Options dnt remember

1. Which is correct with respect to Formulae bar **(Ans: All of the above)**

a. Which displays formulae of constant

b. Which is available at the top of (something like that)

\***Defect leakage:** No.of defects attributed to a stage but only captured in subsequent stage/(No.of defects captured in that stage+ No.of defects attributed to a stage but only captured in subsequent stage)

\***Defect Aging:** Date of fix for each defect – Date of open for each defect

\***Review defect density**: total no of review defects/ actual project size

**Root cause Analysis:** Pareto analysis + Casual Analysis

**Pareto Analysis:** Why Why Analysis + Cause & effect Diagram (or)Fishbone Diagram

Defect Prioritization can be done.

For this defect details needed:

-Defect Type

-Defect Cause

-State of Origin

-Detection

-Severity

**CAR(Casual Analysis Resolution)**

**Casual Analysis:** To identify root cause of the defect and other problems and take actions to prevent the occurance in future.

-Review Defects

-Application defects leaked to UAT/Production

-Rejected Application defects

**OATs metrics**: early defect detection, regression, productivity improvement, quality effort saving.

**Defect summary report:** lists of defects, categorize the defects, risks, for cast planning.

**Main frame testing**: is the client server application testing. Two types( batch testing(back end process) and online testing( front end process done through various **online transaction processing(oltp))**

**Test subject**: divide application into functionality to be tested.

**QC Versioning:** Qc will enable user to create and manage entities ,securing the previous version of those entities.

-requirement

-business models

-test plan

-test resources

**QC Baseline:** snapshot of library

-Requirement

-test

-test resource

-Business compenents

**QC Asset sharing:**

-Requirement

-test

-test resource

-Business compenents

**-Library**

**Managing defect:** identification, investigation, analyze, logging , tracking, predicting

**Casual analysis**: is done in review defects, application defects **leaked to UAT.**

**Key tasks for planning Test:**

-Define Test strategy

-Define Test Subjects

-Define Tests

-Create Requirement Coverage

**Defect Tab:**

-Create

-Update

-Track Project Defects

-Defect Reports

**Key Tasks in Defect Tab:**

-Add defect

-Review Defect

-Fix defect

-Retest Defect

-Analyze defect Data

**QC Utilities:**

**Manipulation and Retrieval of data**

-**Filter and cross filter options** for filtering records

-**Sort and group sort** option for sorting records

**Other Utilities**

-Setting up alerts using **Alerts and Follow up flags**

-Set user specific **favorite views**

-**Screenshots** through QC.

**Release and Cycle management**:

Benefits:

-Manage

-Track

-Compare

-Gain visibility

**Test Design productivity:** no.of testcases or scripts/time or effort spent on design