**Software Testing**

Q1) Which process helps in improving the quality of a test case?

**Options**

Requirement Review

Recruiting good testers

Requirement walk through

Test case review

Q2) How do you ensure test coverage?

**Options**

By having more count of test cases

By testing all test cases

By mapping test case to requirement and making test case for missing ones

By having experienced testers

Q3) if a test case review was done in a day for 300 test cases and 10 review comments were found, what is the review effectiveness?

**Options**

10

30

300

100

Q4) A project needs 20% of the coding effort as test execution effort and 80% of that as test case preparation . If coding effort is 100PD(person days) what is the total test effort?

**Options**

40 PD

20PD

36PD

50PD

Q5) Execution time for complex test cases is 2 hours/tc(test case), medium test cases 1 hr/tc and simple test cases 0.5 hr/tc. If there are 100 simple, 50 medium and 30 complex test cases and 50% of this need to be re-executed then what is the total effort if the no. of working hours per day is 9.6 hrs?

**Options**

20 days

30 days

35 days

25 days

**Software Testing Methodologies**

Q1) What are the objectives of Load/Performance testing?

**Options**

1. Evaluate performance acceptance criteria
2. Identify critical scenarios
3. Design workload model
4. Identify the target load levels
5. Design the tests
6. Execute tests
7. Analyze the results
8. Integration response
9. Server response
10. Storage
11. Database response
12. Test output generation time
13. Response time
14. Throughput
15. Resource utilization
16. Maximum user load
17. Business related metrics
18. 3rd party server response
19. Scalability
20. Data integrity
21. Data conversions
22. Variations

Q2) Which of the following is/are not a set of objectives of launching a tool/application on pilot basis or as a pilot project?

**Options**

To learn more about the tool and in detail from a user’s perspective

To see how the tool would fit with existing processes or documentation

To decide on standard ways of using the tool what will work for all potential users

To find early detect from production scenarios

Cost effective and pre advertisement

To target the audience and users of particular age group

To get public review

To know the market interest about your product then start with actual production

To minimize the risk of failing

Reliability

To create a final approval report/final launch is required. Pilot test just increases the cost of project

Pilot test are just required to be followed as per the procedure but not useful

To follow the system procedures leading no results

Q3) You need to perform regression testing before delivering a change request for an application. What are the basis on which you will select test cases for the same?

**Options**

1. All the test cases that were created in the design phase
2. Test cases with least usable functionalities as you might skip those while doing E2E testing
3. Test cases with least defects
4. All the passed test cases again
5. All the test cases suggested by BA & development
6. Need to check client priority test cases
7. All integration test cases
8. All unit test cases
9. Only need to run automation test suite
10. Need to run most stable test case to generate good report to client
11. All smoke test scenarios
12. All complex test cases
13. Boundary value test cases
14. Test cases which have frequent defects
15. Functionalities which are more visible to the users
16. Test cases which verify core features of the product
17. Test cases of functionalities which have undergone more and recent changes
18. All integration test cases
19. Boundary value test cases
20. A sample of failure test cases

Q4)

Diagram

Description automatically generated

Identify the model represented by following diagram:

**Options**

Spiral model

V Model

Waterfall model

Agile model

Q5) You are working in a manual testing project. The client wants to automate the regression test cases. How will you find the automation tool that is best suited for your project?

**Options**

We will take client suggestions

We will see the scope of automations

We will look for freeware tool

We will look for freeware tool

The build and continuous integration tools already in use within the organization

Consideration of whether or not the tool is available for a free trial period

Application independent testing framework automation tool

Select a tool that is compatible with that technology used by the test object

Consideration of pros and cons of various licensing models

consider cost-benefit ration based on a business case

evaluation of the total against clear requirements and objective criteria

consideration of whether or not the tool is available for free trial period

The build and continuous integration tools already in use within the organization, in compatibility and integration

Evaluation of training needs, considering the testing(and test automation)skills of person directly with the tools

Build management tool

Continuous integration tool