1.static testing? Without executing the program

2.dynamic testing? Execute the program

3.acceptance testing? System meets specified requirements

4.test summary report?

To provide a summary of the testing activities and their outcomes

5.test environment setup? To simulate real world conditions for testing

6.test data management strategy? Availability & nreliability

To ensure the availability and reliability of test data during testing

7.integration testing?

To detect defects in the interaction between integrated components

8.test case execution report?

To provide a summary of the executed test cases and their results

9.positive test case?

Give valid credentials

10.negative test case?

Give invalid credentials

11.purpose of test data?

To simulate real world conditions for testing

12.exploratory testing?

To discover defects and explore the software without a predefined test script

13.diff b/w verification & validation?

Verification ensures that the system meets specified requirements, while validation ensures that it works correctly in the intended environment.

14.test script? To automate / document the execute a test case confusion

15.black box testing technique?

Equivalence partitioning , boundary value analysis, decision table, state transition

16.test data? Test data & test environment setup have the same answer

To simulate real world conditions for testing

17.test plan?

A document that describes the overall testing strategy for a project

18.usability testing?

To evaluate how user-friendly and intuitive the system is.

19.diff b/w functional and non functional testing?

Functional testing focuses on the system's features, while non-functional testing focuses on the system's performance.

20.regression testing?

To verify that new changes do not adversely affect existing functionality

21.boundary value analysis?

To identify defects around the boundaries of input ranges.

21.softwafare testing category?

Unit testing, system testing, integration testing.

22.pupose of test case?

To provide a record of the tests performed and their results.

23.diff b/w smoke and sanity testing?

Smoke-- Before built is accepted for further testing

Sanity-- After built ,after major changes

24.purpose of test execution? Running the test scripts

25.goal of manual testing?

Ensure software quality, finding defects , verifying functionality

26.purpose of test case documentation? Same as test case &execution report&

To provide a record of the tests performed and their results

27.manual testing?

Done by human

28. test log? Same as test case & test case documentation

To provide a record of the tests performed and their results

29.software testing types? Unit, smoke, system

30.purpose of test coverage?

To identify the areas of the software that have been tested

31.test execution tool? Selenium

32.defect tracking tool? jira

33.test design techniques?

34.purpose of defect report?

To track defects and their status

35.test case prioritization?

To order test cases based on their importance and likelihood of finding defects

36.white box techniques example?

Data flow, control flow, branch testing, loop testing, condition testing, statement coverage

37.diff b/w black box & white box ? (my creation)

BB… done by testers

WB.. done by dev or testers having the code knowledge

38.peformance testing?

Checking the behavior of an application by applying some

🡪behavior of the performance testing.

1. To test the system's response time, scalability, and resource usage

39. purpose of test closure report?

To provide a summary of the testing activities and their outcomes

40.diff b/w ad-hoc and exploratory testing?

Ad hoc---unstructured and unplanned

Exploratory🡪 structured and planned

41.purpose of test deliverable?

To document defects found during testing

42.valid test design technique for performance testing? Load testing

43.risk associated with manual testing ? inaccurate & inconsistence of the results

44.static testing techniques example?

Code review and walkthrough …this is verification process

45.dynamic testing techniques example?

UT, ST, UAT, IT, exploratory ..This is validation process

46.purpose of test scenario?

To provide high level description of a test condition or req.

47.valid test design technique for system testing? Penetration testing

48.goal of system testing?

Evaluate overall functionality and performance of integration

49.purpose of test data repository?

To store and manage test data for reuse

50.what is the example of dynamic testing?

51. Test management tool?

Test monitor, HP ALM, zephyr,rally,

52.purpose of test baseline?

To provide a reference point for future testing activities.

53. valid test design technique for usability testing ? user acceptance testing

54.goal user acceptance testing (UAT)? Also called application /end user testing

To evaluate how user-friendly and intuitive the system is

55.purpose of test data generator tool?

To generate synthetic or random test data for testing

56.purpose of test harness?

To provide a framework for executing and validating test cases.

57. valid test design technique for localization testing ? globalization testing

58.goal of sanity testing?

To quickly determine if the application is stable enough for further testing

59. example of a structural testing technique?

Code coverage analysis

60.purpose of defect tracking tool?

To track defects and their status throughout the testing process

61.is NOT a test execution tool? Eclipse

62.is based on the tester's knowledge and experience? Exploratory testing

63.functional testing technique?

Smoke, sanity, unit , integration, regression

64.non functional testing techniques?

Performance, stress, load

65.example of a non-functional requirement?

The system should respond within 3 seconds for a search query

66.NOT a primary goal of manual testing? Improving performance

67.common testing technique used for testing user interfaces? Usability testing

68.valid test design technique for functional testing? Decision table testing

69.Which of the following is NOT a type of software testing? Regression testing

70. Which of the following is NOT the objective of testing?

Make the software bug free

71.objective of testing?

1. Determine that the software products satisfy specific requirements.

2. Detect defects in software.

3. Gain confidence in and providing information about the level of quality of the software.

72. **Test Readiness review is conducted by the**

**Test manager**

**73. Software review falls under what category of cost of quality?**

**Preventive**

**74. Function point is a measure of**

**Size**

**75 . Alpha tests are conducted in a \_\_\_\_\_\_\_\_ environment.**

**Controlled**

**76. If the measurement taken by the two people are same refers to the term as**

**Reliability**

**77. The two types of incremental testing approaches are top down and bottom up approach.**

**True**

**78.** Alpha test is conducted at one or more customer by the company site

79. Beta test…done by user

80. **Which is the reputed testing standard?**

**ISO**

**81. The 'v' represents the following term:**

Software development process and software testing process

82. **Software testing activities should start**

**a**s soon as possible in the development lifecycle.

83. Effectiveness means doing the right thing

Efficiency means doing things or task in an optimal way

84. Appraisal and Prevention cost: Appraisal and prevention are 30 to 40 % of the total cost  
Failure cost: Failure cost is 70 to 80 % of the total cost.  
Therefore, Production failure cost is high.

84…pareto chart🡪80 -20 rule

Run chart—graphical representation

Histogram—bar chart

Control chart—process in a control state

85. **Types of Black Box Testing:**

* Functional Testing
* Non-functional testing
* Regression Testing

86. **Types of White Box Testing:**

* Path Testing
* Loop Testing
* Condition testing

87..BB & WB

BB is mostly done by the software testers. They don’t have code knowledge

Wb is mostly done by the developers ..mandatory to have code knowledge

88.gray box objectives

1. To provide combined advantages of both black box testing and white box testing.
2. To combine the input of developers as well as testers.
3. To improve overall product quality.
4. To reduce the overhead of long process of functional and non-functional testings.
5. To provide enough free time to developers to fix defects.
6. To test from the user point of view rather than a designer point of view.

89. Which type of testing checks if the system can handle the maximum load?

Stress testing

90. What is equivalence partitioning?

Grouping test cases based on similar inputs or outputs

91. Which testing technique involves testing the application from end to end?

System testing

92. Which testing technique involves executing test cases with predetermined input values and expected results?

Black box testing

93. What is the primary goal of smoke testing?

To check if critical functionalities are working after changes or updates

94. Which type of testing checks if the system can recover from failures or disasters?

Recovery testing

95. What is the main focus of usability testing?

. Evaluating the system's ease of use and user experience

96. Which type of testing is performed to ensure the software works on different operating systems and hardware configurations?

Compatibility testing

97. Which type of testing focuses on verifying individual units or components of the software?

Unit testing

98. What is the purpose of a test environment?

To set up the necessary hardware and software for testing

99. Which type of testing is typically performed by end-users or customers?

Acceptance testing

100. Which testing technique involves testing the internal structure of the software, including code coverage analysis?

White box testing

101. What is the main focus of performance testing?

Assessing the system's response time and resource usage

102. Which type of testing is performed to ensure the software works in different network conditions and bandwidths?

Network testing

103. Which testing technique involves running the test cases repeatedly to identify performance issues?

Load testing

104. What is the main focus of security testing?

Testing the system's vulnerability to attacks and breaches

105. Which type of testing focuses on ensuring the system can handle large amounts of data?

Load testing

106. What is the main focus of accessibility testing?

esting the system's compatibility with assistive technologies

107. Which type of testing focuses on verifying if the system can handle concurrent user interactions?

Load testing

108. What is the purpose of a test oracle?

To determine the expected results of a test

109. What is the main goal of ad hoc testing?

To explore the system without any specific test plan or script

110. Which type of testing focuses on the system's ability to handle real-world user scenarios?

UAT

111. What is the purpose of a test strategy?

To define the overall approach and objectives of testing

112. Which testing technique involves testing the system using a combination of black-box and white-box techniques?

Grey box testing

113. What is the main focus of localization testing?

Testing the system's compatibility with different languages and cultures

114. Which type of testing is performed to ensure the system can handle a sudden surge in user activity or workload?

Stress testing

115. What is the purpose of a defect life cycle?

To track defects and their status

116. Which type of testing focuses on verifying if the system can handle expected user loads?

Load testing

117. What is the main focus of reliability testing?

Testing the system's ability to perform consistently over time

118. Which type of testing is typically performed to verify if the system meets specific industry or regulatory standards?

Complainace testing

119.  White Box Techniques are also classified as

Structural testing

120.  Which methodology Maintenance testing is performed using?

Breadth test and depth test

121. What is Cyclomatic complexity?

White-box testing

122.  The \_\_\_\_\_Product Owner\_\_\_\_\_\_\_\_\_\_ represents the product’s stakeholders and the voice of the customer

123. What is the basic unit of development in Scrum? Sprint

124.  The Sprint is an \_\_\_\_time boxed\_\_\_\_\_\_\_ effort.

125.  The team holds a \_\_\_\_\_daily scrum\_\_\_\_ with specific guidelines every day during a Sprint

126.  On what the team reflects on the past Sprint. Sprint Retrospective

127. Testing Levels?

System Testing and Acceptance Testing.

**B** Integration Testing

**C** Unit Testing

128.quality assurance?

If I am developing a product and deliver to the client with quality product

129.quality control?

Project management ..sub set of quality assurance .inspection mechanism