**MCQ – Requirement Analysis**

**1. What is the main purpose of Test Requirement Analysis in software testing?**

a) To define the test cases  
b) To understand the testing environment  
c) To identify testing objectives and resources  
d) To find defects in the software

c

### 2. Which of the following is ****NOT**** a typical activity during Test Requirement Analysis?

a) Identifying the scope of testing  
b) Reviewing test strategy  
c) Identifying test data requirements  
d) Executing test cases

d

### 3. Test Requirement Analysis helps in:

a) Writing the test scripts  
b) Identifying the test conditions  
c) Developing the user manual  
d) Deploying the software

b

### 4. During Test Requirement Analysis, which of the following documents is typically reviewed?

a) Test Plan  
b) Test Execution Logs  
c) User Story/Requirements Document  
d) Test Results

c

### 5. In Test Requirement Analysis, what is the first step typically?

a) Writing test scripts  
b) Identifying the required tools  
c) Reviewing the requirements and specifications  
d) Estimating testing effort

c

### 6. What is the role of Test Requirement Analysis in the context of risk-based testing?

a) To identify high-risk areas for focused testing  
b) To perform exploratory testing  
c) To test the entire application without prioritization  
d) To ensure test cases pass all functional tests

a

### 8. Test Requirement Analysis helps in determining:

a) The programming language for development  
b) The success criteria for a project  
c) The tools and infrastructure required for testing  
d) The software design patterns

c

### 9. What type of test data is identified during Test Requirement Analysis?

a) Test cases  
b) Input data required to validate system functionality  
c) Bug reports  
d) User acceptance criteria

b

### 10. Which of the following is NOT typically part of Test Requirement Analysis?

a) Reviewing business requirements  
b) Preparing test case execution logs  
c) Identifying risks and their mitigation strategies  
d) Determining test environment requirements

b

11. What is the primary benefit of conducting Test Requirement Analysis before starting test execution?

a) To reduce the cost of testing  
b) To identify and prioritize high-risk areas  
c) To automate the testing process  
d) To increase the development speed

b

### 12. Which test type is usually prioritized during Test Requirement Analysis for applications with strict uptime requirements?

a) Load and Stress Testing  
b) Functional Testing  
c) Security Testing  
d) Usability Testing

a

### 13. During Test Requirement Analysis, why is it important to define the test environment?

a) To identify the team members who will execute tests  
b) To establish the hardware and software configurations needed for testing  
c) To ensure the project deadlines are met  
d) To automate the testing process

b