# TESTING PRINCIPLES

## TECHNICAL QUESTIONS:

1.What are the 7 principles of software testing?
2.What is meant by “Testing shows presence of defects”?
3.Why is exhaustive testing impossible?
4.What is pesticide paradox?
5.What is defect clustering?
6.Explain “Early testing saves cost” with example
7.What is context-dependent testing?
8.What is absence of error fallacy?
9.How do testing principles apply in real projects?
10.Which principle is most important and why?
11.How do you optimize testing effort with limited time?
12.When will you stop testing?

## TASKS:

### Task 1: Identify Principle

Scenario:
Testing team keeps repeating same test cases but no new bugs found
Task:
Identify principle
Suggest solution

### Task 2:Real-Time Mapping

Scenario: Banking Application
Task:
Map at least 3 testing principles to this project with examples

### Task 3: Defect Clustering

Scenario:
Login module has 15 bugs, other modules have 2-3
Task:
Explain which principle applies
What action will you take?