

ISTQB CTFL – Pocket Guide (Cheat Sheets & Rapid Fire)

■ Cheat Sheets

- 7 Principles of Testing: PEEC-PCA: Presence not absence, Exhaustive impossible, Early testing, Clustering, Pesticide paradox, Context dependent, Absence-of-errors fallacy
- Test Levels: CISA: Component, Integration, System, Acceptance
- Test Types: FNSC: Functional, Non-functional, Structural, Change-related
- Static Review Types: IWTI: Informal, Walkthrough, Technical Review, Inspection
- White-box Coverage: S-D-C-P: Statement, Decision, Condition, Path
- Risk-based Testing: I-A-M-M: Identify, Analyze, Mitigate, Monitor
- Test Documentation: Please Call Clever People Daily, Right? → Plan, Conditions, Cases, Procedures, Data, Reports
- Agile Tester Role: CAFÉ: Collaborate, Automate regression, Fast feedback, Exploratory
- Agile Quadrants: 12 Support (Q1,Q2), 34 Critique (Q3,Q4)
- Error→Defect→Failure: EDF Chain: Human Error → Defect → Failure at runtime
- Verification vs Validation: Verification = specs, Validation = user needs
- Alpha vs Beta: Alpha = internal users, Beta = external users
- Severity vs Priority: Severity = impact, Priority = urgency

■ Rapid-Fire Questions

Q1. Which technique best for numeric ranges?

■ Equivalence Partitioning

Q2. Which ensures True/False outcomes?

■ Decision Coverage

Q3. Who owns quality in Agile?

■ Whole Team

Q4. Principle of repeating tests stops finding defects?

■ Pesticide Paradox

Q5. Invalid state transition?

■ Event not allowed from current state

Q6. Which review type led by author?

■ Walkthrough

Q7. Which quadrant covers usability?

■ Q3

Q8. Collection of test cases is called?

■ Test Suite

Q9. Source of expected results?

■ Test Oracle

Q10. Which report at end of testing?

■ Test Summary Report

Q11. First step in risk-based testing?

■ Identify risks

Q12. Urgency field in defect report?

■ Priority

Q13. Seriousness of impact in defect report?

■ Severity

Q14. Strongest white-box coverage?

■ Path Coverage

Q15. Preconditions before testing?

■ Entry Criteria

Q16. Practice defining tests before coding?

■ TDD/ATDD

Q17. Static analysis tool example?

■ SonarQube

Q18. Which test checks unchanged areas?

■ Regression Testing

Q19. Verification vs Validation?

■ Specs vs User needs

Q20. EDF Chain?

■ Error → Defect → Failure