**What is Code-Based Testing?**

Code-based testing corresponds to the testing that is carried out on code development, code inspection, unit testing in software development process.

The Code-based testing consists of following testing:

- Dynamic Testing - Statement coverage, Branch coverage, Path coverage
- Checking for Complexity of Code using techniques like Cyclomatic Complexity

**Code Based Testing Techniques:**

[Diagram showing the structure of code-based testing techniques]

- Code-Based Testing
  - Structural Testing
    - Statement Coverage
    - Branch Coverage
    - Path Coverage
  - Complexity-based Testing
  - Cyclomatic Complexity
  - Static Testing
    - Code Walkthrough
    - Code Inspection
    - Code Review