

# UNIT-4: Software Testing- PYQ ANALYSIS

## Repeated Questions

Question	2022	2023	2024	2025	Frequency
Testing Levels	☒	☒	☒	☒	2
Black Box Testing	☒	☒	☒	☒	2
White Box Testing	☒	Short Note	☒	☒	3
Static vs Dynamic Analysis	Short Note	☒	☒	☒	3
Integration Testing	☒	☒	☒	☒	2
System Testing	☒	☒	☒	☒	2
Acceptance Testing	☒	☒	☒	☒	1
Test Case Design	☒	Short Note	☒	☒	1
Test Oracle	☒	☒	☒	☒	1
Testing Frameworks	☒	☒	Short Note	☒	1

## Most Important for 2026

- ☒ ☒ ☒ Black Box vs White Box
- ☒ ☒ ☒ Testing Levels
- ☒ ☒ ☒ Static vs Dynamic Analysis
- ☒ ☒ ☒ Integration Testing
- ☒ ☒ ☒ System Testing

## UNIT-4 : Software Analysis & Testing

### June 2025

1. Differentiate Static and Dynamic Code Analysis.
2. Describe Black Box Testing Technique with example.

## **Dec 2024**

1. Testing Levels with neat sketch.
2. What is Test Oracle?
3. Explain different types of Test Techniques.

## **June 2024**

1. Black Box Testing and Boundary Value Analysis.
2. White Box Testing with example.
3. Integration Testing Strategies.

## **Nov 2023**

1. Software Testing and System Testing.
2. Integration Testing with suitable example.
3. Acceptance Testing and its steps.
4. White Box Testing.

## **June 2023**

1. Strategic Approaches to Software Testing.
2. Unit Testing with example.
3. System Testing and its types.
4. Test Metrics and its purpose.
5. Testing Tools.

## **Nov 2022**

1. Need of Integration Testing.
2. Levels of Testing.
3. Unit Testing.
4. Specialized Testing Techniques.
5. Static Analysis.

## **June 2022**

1. Software Testing Process.
2. Black Box vs White Box Testing.
3. Test Plan and parameters.
4. Dynamic Analysis.