



# Certified ETL Testing Professional

**Vskills Certifications**

Vskills Brochure



## Certified ETL Testing Professional

ETL is short for extract, transform and load database functions that are combined into one tool to pull data out of one database and place it into another database.

ETL testing involves testing all stages of ETL.

### Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills ETL Testing Professional Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

### Who will benefit from taking this certification?

Job seekers looking to find employment in software testing and development departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

### Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

### Fee Structure

Rs. 3,499/- (Excludes taxes) \*

\* Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

# Table of Contents

## **1. Software Testing Basics**

- 1.1 Scope
- 1.2 Functional vs. Non-Functional testing
- 1.3 Defects and failures
- 1.4 Finding faults early
- 1.5 Compatibility
- 1.6 Input combinations and preconditions
- 1.7 Static vs. dynamic testing
- 1.8 Software verification and validation
- 1.9 The software testing team
- 1.10 Software quality assurance (SQA)
- 1.11 Testing Methods - The box approach

## **2. Data Warehousing Basics**

- 2.1 Introduction to Data Warehousing
- 2.2 Data Warehousing Characteristics
- 2.3 OLAP and OLTP
- 2.4 Data Warehousing Architecture
- 2.5 Data Models
- 2.6 Data Schemas (Star and Snow Flake )

## **3. SQL Basics**

- 3.1 Relational Model
- 3.2 Normalization
- 3.3 DDL Commands
- 3.4 DML commands
- 3.5 Joins
- 3.6 Functions
- 3.7 Cursors
- 3.8 Procedures

## **4. ETL Testing Basics**

- 4.1 ETL Process
- 4.2 ETL Transformations
- 4.3 ETL Testing Types

## **5. ETL Test Design**

- 5.1 ETL Testing Challenges
- 5.2 ETL Testing Requirements Gathering
- 5.3 ETL Testing High Level Design
- 5.4 ETL Testing Low level Design

## **6. ETL Test Execution**

- 6.1 Unit Testing
- 6.2 Integration Testing
- 6.3 ETL Test Development
- 6.4 ETL Testing Defects
- 6.5 Defects Reporting

## **7. ETL Testing Tools**

- 7.1 Talend Open Studio
- 7.2 Informatica Powercenter
- 7.3 Pentaho Kettle
- 7.4 Cloud based Tools

## Sample Questions

1. **Partition elimination is used in \_\_\_\_\_.**
  - A. De-duplication
  - B. Range Partitioning
  - C. Round Robin Partitioning
  - D. None of the above
  
2. **Which of the following characterizes the cost of faults?**
  - A. They are cheapest to find in the early development phases and the most expensive to fix in the latest test phases.
  - B. They are easiest to find during system testing but the most expensive to fix then.
  - C. Faults are cheapest to find in the early development phases but the most expensive to fix then.
  - D. Although faults are most expensive to find during early development phases, they are cheapest to fix then.
  
3. **What is the main difference between a walkthrough and an inspection?**
  - A. An inspection is lead by the author, whilst a walkthrough is lead by a trained moderator.
  - B. An inspection has a trained leader, whilst a walkthrough has no leader.
  - C. Authors are not present during inspections, whilst they are during walkthroughs.
  - D. A walkthrough is lead by the author, whilst an inspection is lead by a trained moderator.
  
4. **The process starting with the terminal modules is called**
  - A. Top-down integration
  - B. Bottom-up integration
  - C. None of the above
  - D. Module integration
  
5. **How much testing is enough**
  - A. This question is impossible to answer
  - B. The answer depends on the risks for your industry, contract and special requirements
  - C. The answer depends on the maturity of your developers
  - D. The answer should be standardized for the software development industry

**Answer : 1 (B), 2 (A), 3 (D), 4 (B), 5 (B)**

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& many more job related certifications

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