



# Certificate in Building Estimation and Quantity

**Vskills Certifications**

Vskills Brochure



# Certificate in Building Estimation and Quantity Surveying

Quantity surveyor is responsible for estimating the amount and cost of materials needed for building civil structures like road, residential or commercial buildings. Quantity surveying has emerged as critical part of civil construction industry and is focused on optimizing cost and other resource requirement for civil construction.

## Why should one take this certification?

The certification is a proof of your skills and knowledge in estimation of buildings and quantity surveying. The certification not only refreshes your knowledge but also attests to it.

Earning Vskills Certificate in Building Estimation and Quantity Surveying 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?

The certification is a must have for civil engineers, manager and senior executives in civil construction industry. Job seekers looking to find employment in quantity survey, estimation, project management 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

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### **1. Quantity Surveying Basics**

- 1.1 What is Quantity Surveying?
- 1.2 Who are Quantity Surveyors?
- 1.3 Evolution of Quantity Surveying
- 1.4 Reading of Drawings

### **2. Estimating**

- 2.1 Measurements
- 2.2 Preparing an Estimate
- 2.3 Methods of Estimation
- 2.4 Requirements of Estimation and Costing
- 2.5 Methods of Taking Out Quantities
- 2.6 Estimating Conversion to Metric Units

### **3. Specification**

- 3.1 Specification Basics
- 3.2 Specifications of Excavations, Filling And Back
- 3.3 Anti-termite Treatment
- 3.4 Estimating Masonry
- 3.5 Estimating Wood
- 3.6 Electrical Estimates
- 3.7 Hard Core / Soling Under Floors / Foundations
- 3.8 Reinforced Concrete And Allied Works
- 3.9 Form Work
- 3.10 Steel Reinforcement
- 3.11 Structural Steel
- 3.12 Damp Proof Course
- 3.13 Brick Work
- 3.14 Schedule of Rates
- 3.15 Bar Bending Schedule (BBS)

### **4. Rate Analysis**

- 4.1 Analysis of Rate for Masonry
- 4.2 Rate Analysis for Concrete Work
- 4.3 Rate Analysis for Floors
- 4.4 Rate Analysis of Plaster
- 4.5 Rate Analysis for White Washing and Painting
- 4.6 Rate Analysis of Door and Windows
- 4.7 Analysis of Rates for Water Supply and Sanitary
- 4.8 The bill of quantities - BOQ

## **5. Valuation**

- 5.1 Valuation Basics
- 5.2 Standard Rent of a Govt Property
- 5.3 Valuation

## **6. Contract Cash Flow**

- 6.1 Construction Project Costs
- 6.2 Project Construction Cash Flow
- 6.3 Discounted Cash Flow

## **7. Contract Basics**

- 7.1 Contract Definition
- 7.2 Contract Elements
- 7.3 Contract Formation
- 7.4 Agreement
- 7.5 Offer and Acceptance
- 7.6 Consideration
- 7.7 Contract Writing
- 7.8 Contract Contents
- 7.9 Types of Contracts

## **8. Negotiation Skills**

- 8.1 Basic Approaches for Negotiation
- 8.2 Strategy and Planning for Negotiation
- 8.3 Tactics of Effective Negotiation

## **9. Report Preparation**

- 9.1 Estimation Report for the Construction of Residential Building
- 9.2 Estimation Report for Construction of a Culvert
- 9.3 Estimation Report for a Road Construction

## **10. Spreadsheet - MS-Excel 2013**

- 10.1 Excel 2013 Basics
- 10.2 Workbook and Worksheet
- 10.3 Manipulating Data
- 10.4 Worksheet Formatting
- 10.5 Page Properties and Printing
- 10.6 Excel Formulas
- 10.7 Sort and Filter
- 10.8 Charts
- 10.9 Developing Reports in Excel

## Certifications

- ▶ **Accounting, Banking & Finance**
  - Certified GST Professional
  - Certified AML-KYC Compliance Officer
  - Certified Business Accountant
  - Certified BASEL III Professional
  - Certified GAAP Accounting Standards Professional
  - Certified Treasury Markets Professional
- ▶ **Big Data**
  - Certified Hadoop and Mapreduce Professional
- ▶ **Cloud Computing**
  - Certified Cloud Computing Professional
- ▶ **Design**
  - Certified Interior Designer
- ▶ **Digital Media**
  - Certified Social Media Marketing Professional
  - Certified Inbound Marketing Professional
  - Certified Digital Marketing Professional
- ▶ **Foreign Trade**
  - Certified Export Import (Foreign Trade) Professional
- ▶ **Health, Nutrition and Well Being**
  - Certified Fitness Instructor
- ▶ **Hospitality**
  - Certified Restaurant Team Member (Hospitality)
- ▶ **Human Resources**
  - Certified HR Compensation Manager
  - Certified HR Staffing Manager
  - Certified Human Resources Manager
  - Certified Performance Appraisal Manager
- ▶ **Office Skills**
  - Certified Data Entry Operator
  - Certified Office Administrator
- ▶ **Project Management**
  - Certified Master in Project Management
  - Certified Scrum Specialist
- ▶ **Real Estate**
  - Certified Real Estate Consultant
- ▶ **Marketing**
  - Certified Marketing Manager
- ▶ **Quality**
  - Certified Six Sigma Green Belt Professional
  - Certified Six Sigma Black Belt Professional
  - Certified TQM Professional
- ▶ **Logistics & Supply Chain Management**
  - Certified International Logistics Professional
  - Certified Logistics & SCM Professional
  - Certified Supply Chain Management Professional
- ▶ **Legal**
  - Certified IPR & Legal Manager
  - Certified Labour Law Analyst
  - Certified Business Law Analyst
  - Certified Corporate Law Analyst
- ▶ **Information Technology**
  - Certified Angular JS Professional
  - Certified Basic Network Support Professional
  - Certified Business Intelligence Professional
  - Certified Core Java Developer
  - Certified E-commerce Professional
  - Certified IT Support Professional
  - Certified PHP Professional
  - Certified Selenium Professional
- ▶ **Mobile Application Development**
  - Certified Android Apps Developer
  - Certified iPhone Apps Developer
- ▶ **Security**
  - Certified Ethical Hacking and Security Professional
  - Certified Network Security Professional
- ▶ **Management**
  - Certified Corporate Governance Professional
  - Certified Corporate Social Responsibility Professional
  - Certified Leadership Skills Professional
- ▶ **Life Skills**
  - Certified Business Communication Specialist
  - Certified Public Relations Officer
- ▶ **Media**
  - Certified Advertising Manager
  - Certified Advertising Sales Professional
- ▶ **Sales, BPO**
  - Certified Sales Manager
  - Certified Telesales Executive

& many more job related certifications

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