## Mathematics - Practice Course

## Course Schedule:

Simplification - Practice Questions and Quizzes

| certification |
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| certification |
| Practice Question on VBODMAS (13 Questions)   <br> certification Fraction Based Practice Questions (30 Questions)  <br> certification Practice for Decimal Based Questions (18 Questions)  <br> certification Simplification - Easy Level Quiz (15 Questions)  <br>    <br> certification Moderate Level Quiz (30 Questions)   |

LCM and HCF - Practice Questions and Quizzes

| certification | Find LCM (10 Questions) |
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| certification | Find HCF (12 Questions) |
| :--- | :--- |


| certification | Based on Sum and Product of Numbers (7 Questions) |
| :--- | :--- |


| certification | Based on Ratio of Numbers (13 Questions) |
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| certification | Based on LCM $\times$ HCF $=$ First Number $\times$ Second Number (9 |
| :---: | :--- |


| certification | LCM and HCF Quiz - Moderate Level |
| :---: | :---: |
| certification | LCM and HCF Quiz - Advance Level |

## Average - Practice Questions and Quizzes

| certification | Practice Questions on Direct Formula and Natural, Odd, Even Numbers (20 Questions) |
| :---: | :---: |
| certification | Practice Questions - Finding New Average After Changes (10 Questions) |
| certification | Practice Questions on Cricket Activities (8 Questions) |
| certification | Practice Questions on Multiple Groups (20 Questions) |
| certification | Practice Questions on Inclusion/Exclusion (16 Questions) |
| certification | Average Quiz - Easy Level (16 Questions) |
| certification | Average Quiz - Moderate Level (30 Questions) |
| certification | Average Quiz - Advanced Level (30 Questions) |

## Percentage - Practice Questions and Quizzes

| certification | Practice Questions on Basic Concept of Percentage (30 <br> Question) |
| :---: | :---: |


| certification | Practice Questions - Percentage Distribution and Net Effect <br> (21 Questions) |
| :---: | :--- |


| certification | Practice Questions - Successive Increase/Decrease in <br> Percentage (30 Questions) |
| :---: | :---: |


| certification | Practice Questions - Election Based (13 Questions) |
| :---: | :---: |
| certification | Percentage Quiz - Easy Level (7 Question) |


| certification | Percentage Quiz - Moderate Level (30 Question) |
| :--- | :---: |


| certification | Percentage Quiz - Advanced Level (30 Question) |
| :--- | :---: |

## Profit and Loss - Practice Questions and Quizzes

| certification | Practice Questions - Profit Percent and Loss Percent (24 <br> Questions) |
| :---: | :---: |


| certification | Practice Questions - Cost Price \& Selling Price (40 <br> Questions) |
| :---: | :---: |


| certification | Practice Questions - Dishonest Dealers and Faulty Weights <br> (14 Questions) |
| :---: | :--- |


| certification | Practice Questions - Successive and Single Discount (15 <br> Questions) |
| :---: | :---: |


| certification | Profit and Loss Quiz - Easy Level (18 Questions) |
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| certification | Profit and Loss Quiz - Moderate Level (30 Questions) |
| :--- | :--- |
| certification | Profit and Loss Quiz - Advanced Level (30 Questions) |

Quadratic Equation - Practice Questions and Quizzes

| certification | Practice Question on Factorization (23 Questions) |
| :---: | :---: |
| certification | Practice Question on Shridharacharya Method (8 |
| certification | Practice Questions on Completing the Square Method (25 Questions) |
| certification | Quadratic Equations Quiz - Easy Level (30 Questions) |
| certification | Quadratic Equations Quiz - Moderate Level (30 Questions) |
| certification | Quadratic Equations Quiz - Advanced Level (11 Questions) |

## Number Series - Practice Questions and Quizzes

| certification |
| :--- |
| certification Number Series Quiz - Moderate Level (30 Questions) <br>  Practice Questions - Finding Missing Term (30 Questions) <br> certification Practice Questions -Finding Odd/Wrong Number (29 |
| certification |


| certification | Number Series Quiz - Easy Level (30 Questions) |
| :---: | :---: |
| certification Number Series Quiz - Advanced Level (25 Questions) |  |

## Set Theory - Practice Questions and Quizzes

| certification | Practice Questions on Sets Not Using Venn Diagram (11 |
| :--- | :--- |
| Questions) |  |


| certification | Practice Questions on Set Operations (13 Questions) |
| :--- | :--- |
| certification | Set Theory Quiz - Easy Level (22 Question) |
| certification | Set Theory Quiz - Moderate Level (25 Question) |
| certification | Set Theory Quiz - Advanced Level (8 Question) |

## Mensuration 2D - Practice Questions and Quizzes

| certification | Only Triangle Related Practice Question (22 Questions) |
| :---: | :---: |
| certification | Practice Question - Triangle With Others Conditions (9 |
|  Questions) |  |
| certification | Only Circle Related Practice Questions (9 Questions) |


| certification | Practice Question - Circle With Others Conditions (7 <br> Questions) |
| :---: | :---: |
| certification | Mensuration 2D Quiz - Easy Level (5 Questions) |


| certification | Mensuration 2D Quiz - Moderate Level (30 Questions) |
| :--- | :--- |
| certification | Mensuration 2D Quiz - Advanced Level (30 Questions) |

## Approximation - Practice Questions and Quizzes

| certification Practice Question - Approximation on Integers (16 <br> Questions)  |
| :--- |
| certification |
| Practice Question - Approximation on Decimals (15 <br> Questions)  <br> certification Approximation Quiz - Easy Level (13 Questions) <br> certification Approximation Quiz - Moderate Level (30 Questions) <br> certification Approximation Quiz - Advanced Level (7 Questions) |

## Prabability - Practice Questions and Quizzes

| certification | Practice Question - Based on Card (14 Questions) |  |
| :--- | :--- | :---: |
| certification | Practice Question - Based on Coin (11 Questions) |  |
| certification Practice Question - Based on Dice (13 Questions) |  |  |


| certification | Practice Question - Other Conditions then Card/Coin/Dice <br> (30 Questions) |
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certification

|  | Probability Quiz - Easy Level (19 Questions) |
| :--- | :--- |
| certification | Probability Quiz - Moderate Level (30 Questions) |
| certification | Probability Quiz - Advanced Level (30 Questions) |

## Permutation and Combination - Practice Questions and Quizzes

| certification | Practice Questions - Based on Words/Alphabet <br> Arrangement (14 Questions) |
| :---: | :---: |
| certification | Practice Questions - Grouping Together Conditions (13 <br> Questions) |
| certification | Practice Questions - When No. of Ways/Things Occur <br> Together (11 Questions) |
| certification | Practice Questions on Group Committee (10 Questions) |

## Partnership - Practice Questions and Quizzes

| certification | Practice Question - Time Same and Money Invested For <br> Equal Time Period (21 Questions) |
| :---: | :---: |
| certification | Practice Question - Time Not Same and Money Invested for <br> Different Time Period (14 Questions) |
| certification | Practice Question - New Partner Join In Between (15 <br> Questions) |
| certification | Practice Question - If Partner/s Withdraw Money In- <br> between (15 Questions) |


| certification Practice Question - Partner Donate Some Money (6 <br> Questions)  |
| :--- |
| certification |
| certification |

## Boat and Stream - Practice Questions and Quizzes

| certification | Practice Questions - When Distance Same (15 Question) |
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| certification | Practice Questions - When Distance Not Same (15 <br> Question) |
| :---: | :---: |


| certification | Practice Questions - Finding Speed in Still Water (Distance <br> not given) (15 Question) |
| :---: | :---: |


| certification | Practice Questions - Other Conditions (20 Question) |
| :--- | :--- |


| certification | Boat and Stream Quiz - Easy Level (12 Question) |
| :--- | :--- |


| certification | Boat and Stream Quiz - Moderate Level (30 Question) |  |
| :---: | :--- | :---: |
|  |  |  |
| certification | Boat and Stream Quiz - Advanced Level (26 Question) |  |

## Number System - Practice Questions and Quizzes

| certification | Practice Questions - Find Smallest and Largest Fraction <br> (18 Questions) |
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| certification | Practice Questions on Division Multiplication, Addition, Subtraction and Fractions of Numbers (30 Questions) |
| :---: | :---: |
| certification | Practice Questions - Based on Concept of HCF and LCM (30 Questions) |
| certification | Practice Questions - Finding the Unit Place (10 Questions) |
| certification | Practice Questions on Natural, Odd, Even, Consecutive, Prime Numbers (30 Questions) |
| certification | Practice Questions - Remainder Theorem and Divisibility (30 Questions) |
| certification | Number System Quiz - Easy Level (60 Questions) |
| certification | Number System Quiz - Moderate Level (60 Questions) |
| certification | Number System Quiz - Advanced Level (50 Questions) |

## Square and Cube Root - Practice Questions and Quizzes

| certification | Practice Questions - Based on Square and Square Root <br> (24 Questions) |
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| certification | Practice Questions - Based on Cube and Cube Root 15 <br> Questions) |
| :---: | :---: |


| certification | Square, Square Root, Cube and Cube Root Quiz - Easy <br> Level (34 Questions) |
| :---: | :---: |


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| Square, Square Root, Cube and Cube Root Quiz - <br> Moderate Level (24 Questions) |  |  |  |
| :---: | :---: | :---: | :---: |
| certification | Square, Square Root, Cube and Cube Root Quiz - <br> Advanced Level (13 Questions) |  |  |

## Simple Interest and Compound Interest - Practice Questions and Quizzes

| certification | Practice Questions - Simple Interest (30 Questions) |
| :---: | :---: |
| certification | Practice Questions - Compound Interest (30 Questions) |
| certification | Simple and Compound Interest Quiz - Easy Level (60 Questions) |
| certification | Simple and Compound Interest Quiz - Moderate Level (60 Questions) |
| certification | Simple and Compound Interest Quiz - Advanced Level (18 Questions) |

## Ratio and Proportion - Practice Questions and Quizzes

| certification | Practice Questions - Based on Basic Concept, Fraction and <br> Percentage (30 Questions) |
| :---: | :---: |


| certification | Practice Questions - Different Arithmetical Operation in <br> R\&P (30 Questions) |
| :---: | :---: |


| certification | Practice Questions - Income-Expenditure and Coin-Rupee <br> in R\&P (30 Questions) |
| :---: | :---: |
| certification | Ratio and Proportion Quiz - Easy Level (45 Questions) |


| certification | Ratio and Proportion Quiz - Moderate Level (40 Questions) |
| :---: | :---: |
| certification | Ratio and Proportion Quiz - Advanced Level (8 Questions) |
| Mixture and Alligation - Practice Questions and Quizzes |  |
| certification | Practice Questions - Finding Ratio, Price, Quantity (30 Questions) |
| certification | Practice Questions - Based on Repetition of Activity (26 Questions) |
| certification | Mixture and Alligation Quiz - Easy Level (25 Questions) |
| certification | Mixture and Alligation Quiz - Moderate Level (30 Questions) |
| certification | Mixture and Alligation Quiz - Advanced Level (20 Questions) |

## Logarithm - Practice Questions and Quizzes

| certification | Practice Questions - Based on Properties and Laws of <br> Logarithm (30 Questions) |
| :---: | :---: |


| certification | Practice Questions - Based on Characteristic and Mantissa <br> (23 Questions) |
| :---: | :---: |

certification

Practice Questions - Find Value Expressions (Log) (30 Questions)
certification

|  | Logarithm Quiz - Easy Level (60 Questions) |
| :--- | :--- |
| certification | Logarithm Quiz - Moderate Level (60 Questions) |
|  |  |
| certification | Logarithm Quiz - Advanced Level (27 Questions) |

## Time and Work - Practice Questions and Quizzes

| certification | Practice Questions on Basic Concept and Worker Leave/Join (30 Questions) |
| :---: | :---: |
| certification | Practice Questions - Based on Fraction/Efficiency/Wages/M1D1W1=M2D2W2 (30 Questions) |
| certification | Practice Questions - Based on Xmen-YwomenZboys/Miscellaneous (30 Questions) |
| certification | Time and Work Quiz - Easy Level (30 Questions) |
| certification | Time and Work Quiz - Moderate Level (40 Questions) |
| certification | Time and Work Quiz - Advanced Level (25 Questions) |

Pipe and Cistern - Practice Questions and Quizzes

| certification | Practice Questions - Based on Calculating Time (30 |
| :--- | :---: |
| Questions) |  |$|$| certification | Practice Questions - Based on Calculating <br> Capacity/Efficiency (30 Questions) |
| :---: | :---: |

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|  | Pipe and Cistern Quiz - Easy Level (6 Questions) |
| :--- | :--- |
| certification | Pipe and Cistern Quiz - Moderate Level (25 Questions) |
| certification | Pipe and Cistern Quiz - Advanced Level (14 Questions) |

## Speed, Time and Distance - Practice Questions and Quizzes

| certification | Practice Questions - Finding Speed, Time and Distance (30 Questions) |
| :---: | :---: |
| certification | Practice Questions - Mixed Conditions in STD (30 Questions) |
| certification | Speed, Time and Distance Quiz - Easy Level (6 Questions) |
| certification | Speed, Time and Distance Quiz - Moderate Level (40 Questions) |
| certification | Speed, Time and Distance Quiz - Advanced Level (30 Questions) |

Trains - Practice Questions and Quizzes

| certification | Practice Questions - Train Crossing - Object with No <br> Length (25 Questions) |  |
| :---: | :---: | :---: |
| certification | Practice Questions - Train - Crossing an Object with Length <br> (28 Questions) |  |
| certification Practice Questions - Based on Opposite Direction (26 <br> Questions)  |  |  |


| certification | Practice Questions - Based on Same Direction (28 Questions) |
| :---: | :---: |
| certification | Practice Questions -Train Speed Changes During Journey (10 Questions) |
| certification | Trains Quiz - Easy Level (30 Questions) |
| certification | Trains Quiz - Moderate Level (25 Questions) |
| certification | Trains Quiz - Advanced Level (14 Questions) |

## Races and Games - Practice Questions and Quizzes

| certification | Practice Questions - Based on Races (30 Questions) |  |
| :--- | :--- | :---: |
| certification | Practice Questions - Based on Games (26 Questions) |  |
| certification | Races and Games Quiz - Easy Level (35 Questions) |  |
| certification | Races and Games Quiz - Moderate Level (60 Questions) |  |
|  |  |  |
| certification | Races and Games Quiz - Advanced Level (45 Questions) |  |

## Sequences and Series - Practice Questions and Quizzes

| certification | Practice Questions - Based on Terms Related (30 <br> Questions) |
| :---: | :---: |
| certification | Practice Questions - Based on Sum of Terms (30 |


| certification Practice Questions - Other than Mentioned (Sequence <br> Series) (20 Questions) <br> certification Sequences and Series Quiz - Easy Level (24 Questions) <br> certification Sequences and Series Quiz - Moderate Level (60 <br> Questions) <br> certification Sequences and Series Quiz - Advanced Level (10 <br> Questions)  |
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## Algebra - Practice Questions and Quizzes

| certification | Practice Questions - Factor Theorem and <br> Componendo/Dividendo (15 Questions) |
| :--- | :--- |


| certification | Practice Questions - Polynomial and Algebraic Identity (30 |
| :---: | :---: |
| Questions) |  |


| certification | Algebra Quiz - Easy Level (60 Questions) |
| :--- | :--- |


| certification | Algebra Quiz - Moderate Level (60 Questions) |
| :--- | :--- |


| certification | Algebra Quiz - Advanced Level (7 Questions) |
| :--- | :--- |

Inequalities (Maths) - Practice Questions and Quizzes

| certification | Practice Questions - Based on Linear Inequalities (29 |
| :---: | :---: |
| Questions) |  |

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| certification | Practice Questions - Based on Quadratic Inequalities (30 Questions) |
| :---: | :---: |
| certification | Practice Questions - Based on Modulus Inequalities (28 Questions) |
| certification | Inequalities (Maths) Quiz - Easy Level (45 Questions) |
| certification | Inequalities (Maths) Quiz - Moderate Level (60 Questions) |
| certification | Inequalities (Maths) Quiz - Advanced Level (60 Questions) |

## Trigonometry - Practice Questions and Quizzes

| certification |  <br> Degree Measure) (30 Questions) |
| :--- | :---: |


| certification | Practice Questions - Trigonometric Ratios \& Identities, <br> Function (30 Questions) |
| :---: | :---: |


| certification | Trigonometry Quiz - Easy Level (50 Questions) |
| :--- | :--- |


| certification | Trigonometry Quiz - Moderate Level (50 Questions) |
| :---: | :---: |
|  |  |
| certification | Trigonometry Quiz - Advanced Level (9 Questions) |

## Set Theory - Practice Questions and Quizzes

| certification | Practice Questions - Based on Set Operations (29 |
| :---: | :---: |
| Questions) |  |


| certification | Practice Questions - Sets using Venn Diagram (30 |
| :---: | :---: |
| Questions) |  |


| certification | Practice Questions - Laws in Set Theory (30 Questions) |
| :--- | :--- |


| certification | Practice Questions - Sets Not Using Venn Diagram (25 <br> Questions) |
| :---: | :---: |


| certification | Set Theory Quiz - Easy Level (30 Questions) |
| :--- | :--- |


| certification | Set Theory Quiz - Moderate Level (40 Questions) |
| :--- | :--- |

certification

