## Mathematics - Subject Course

## Course Schedule:

## Number System

## Extra 1

| externalvideo | Various Types of Numbers in Number System |
| :---: | :---: |
| externalvideo | Important Divisibility Rules from 1 to 13 - Tricks |


| externalvideo | Algebraic Formulas and Remainder Polynomial Theorem |
| :---: | :---: |
| externalvideo | Questions on how to Calculate Remainder |


| certification | Practice Questions on Remainder Theorem |
| :---: | :---: |
| externalvideo | Arithmetic \& Geometric Sequence |


| externalvideo | Arranging Fractions - For Smallest Largest/ Ascending <br> Descending |
| :---: | :---: |
| externalvideo | Questions Session on Smallest Largest Fraction |


| certification | Practice Questions on Finding Smallest/Largest Fraction |
| :--- | :--- |


| externalvideo | Operations based Questions - Division Multiplication <br> Addition Subtraction |
| :---: | :---: |


| certification |  <br> Multiplication |
| :--- | :--- |


| certification |  <br> Subtraction |
| :---: | :---: |


| externalvideo | Number System Questions based on Fractions of Numbers |  |
| :--- | :--- | :---: |
| certification | Practice Questions based on Fraction of Numbers |  |
|    <br> externalvideo Problems on HCF and LCM - Formulas \& Tricks  |  |  |


| certification | Practice Questions - LCM and HCF based Problems |
| :---: | :---: |
| externalvideo | How to find the Unit Digit in different Scenarios - Tricks and |
| Examples |  |


| certification | Practice Questions on Finding Unit Digit |
| :--- | :--- |


| externalvideo | Questions based on Sum of first n Even/Odd/Prime/Natural <br> Numbers |
| :---: | :--- |


| certification | Practice Questions on Consecutive, Odd \& Even Numbers |
| :---: | :---: |
| certification Practice Questions on Natural \& Prime Numbers |  |


| externalvideo | Number System Imp. Questions - Different Conditions <br> Based |
| :---: | :---: |

## Number System - Practice Test and Quizzes

| externalvideo | Number System Practice Test 1 |
| :---: | :---: |
| externalvideo |  |
| externalvideo | Number System Practice Test 2 |
| certification | Number System Practice Test 3 |
| certification | Practice Quiz 1 - Easy |
|   <br> certification Practice Quiz 3 - Advanced |  |

## Square and Cube Root

| externalvideo | Square Tricks - Class 1 |
| :--- | :--- |

## Number System - Short Tricks and Revision

| externalvideo Practice Session based on Basic Square Tricks Class 1 <br> externalvideo Square Tricks - Class 2 <br> externalvideo Practice Session on Tricks learned in Class 2 <br> externalvideo  <br> certification Pquaring Tricks - Class 3 <br> Practice Questions on Angle of Elevation  |
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externalvideo

| externalvideo | Practice Session - Applying Squaring Tricks of Class 3 |
| :--- | :---: |
| externalvideo | Methods of Prime Factorization - Division Method | | externalvideo | Square Root Short Tricks Class 1 |
| :---: | :---: |


| externalvideo | Square Root Tricks Class 3 - Finding Square Root of <br> Decimal Numbers |
| :---: | :---: |


| externalvideo | Tricks to find Cube - Class 1 |
| :--- | :--- |


| externalvideo | Tricks to find Cube - Class 2 |
| :--- | :--- |


| externalvideo | Practice Questions on Finding Cube Root of Any Number |
| :--- | :--- |


| externalvideo | Square Root and Cube Root Questions - Root on Root |
| :--- | :--- |


| externalvideo | Finding Roots - Addition, Subtraction, Multiplication, |
| :---: | :---: |
| Division |  |


| externalvideo | Square and Cube Root - Statement Based Questions |
| :--- | :--- |

## Square and Cube Root - Quizzes

| certification | Practice Quiz 1-Easy level Questions |
| :--- | :--- |

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| certification | Practice Quiz 2 - Moderate level Questions |
| :---: | :---: |
| certification | Practice Quiz 3-Advanced level Questions |

## Simplification

| externalvideo | Simplification - Concept, Methods and Application |
| :---: | :---: |
| externalvideo | VBODMAS Rule - How it Works...??? |
| certification | Practice Questions on VBODMAS |
| externalvideo | Decimal Based Simplification |


| externalvideo | Recurring Decimal Based Simplification |
| :--- | :--- |


| externalvideo | Questions Session on Decimal |
| :--- | :---: |


| certification | Practice Questions on Decimal |
| :--- | :--- |


| externalvideo | Types of Fractions |
| :--- | :--- |


| externalvideo | Fractions Based Simplification |
| :--- | :--- |


| externalvideo | Ladder/Continued Fraction |
| :--- | :--- |


| externalvideo | Fraction Question Session 1 |
| :--- | :--- |


| externalvideo |
| :--- |
| certification Fraction Question Session 2 <br> certification Practice Questions on Fraction <br> externalvideo Statement Based Questions Class 1 <br> externalvideo Statement Based Questions Class 2 <br> certification Practice Question - Statement Based Problems |

## Simplification - Practice Test \& Quizzes

| externalvideo | Simplification - Practice Test 1 |
| :--- | :--- |
| externalvideo | Simplification - Practice Test 2 |
| certification | Simplification Quiz - Easy Level |


| certification | Simplification Quiz - Moderate Level |
| :---: | :---: |
| certification | Simplification Quiz - Hard Level |

## Approximation

| externalvideo | Approximation Tricks Class 1 |
| :---: | :---: |
| externalvideo | Approximation Tricks Class 2 |

## Simplification - Short Tricks and Revision

| externalvideo | Rounding off Integers |
| :--- | :--- |


| certification | Practice Questions on Rounding Off Integers |
| :--- | :--- |


| externalvideo | Rounding off Decimals |
| :--- | :--- |


| certification | Practice Questions on Rounding Off Decimals |
| :--- | :--- |


| certification | Practice Questions - Applying Approximation on Square, <br> Cubes Their roots, Surds, Indices |
| :---: | :---: |
| externalvideo | Approximation Mixed Questions |

## Approximation Practice Quizzes

| certification | Approximation Quiz 1 - Easy Level Questions |
| :--- | :--- |


| certification | Approximation Quiz 2 - Moderate Level Questions |
| :---: | :---: |


| certification | Approximation Quiz 3 - Advanced Level Questions |
| :--- | :--- |

## LCM and HCF

| externalvideo | What is LCM? |
| :---: | :---: |
| certification | Practice Questions on LCM |

## Approximation - Short Tricks and Revision

| externalvideo | What is HCF? |
| :---: | :---: |
| certification | Practice Questions on HCF |
| externalvideo | HCF and LCM Important Rules - Class 1 |
| externalvideo | HCF and LCM Important Rules - Class 2 |
| externalvideo | HCF and LCM Important Rules - Class 3 |
| externalvideo | HCF LCM and Numbers |
| externalvideo | Least or Greatest Number |
| externalvideo | HCF/LCM and Ratio of Numbers |
| certification | Practice Questions on HCF/LCM - Ratio of Numbers |
| externalvideo | Product and Sum based Questions |
| certification | Practice Questions on HCF/ LCM - Product/ Sum |
| externalvideo | Language based Questions on HCF and LCM |

## HCF and LCM - Practice Quizzes

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| certification | Practice Quiz 1 - Easy |
| :---: | :---: |
| certification | Practice Quiz 2 - Moderate |
| certification | Practice Quiz 3-Advanced |

## Surds and Indices

| externalvideo | Surds - Types and Rules |
| :--- | :---: |
| externalvideo |  |
| externalvideo | Practice Questions on Surds Rules |


| externalvideo | Simplification Based Surds Indices - Class 1 |
| :--- | :--- |


| externalvideo | Simplification Based Surds Indices - Class 2 |
| :--- | :--- |


| externalvideo | Simplification Based Surds Indices - Class 3 |
| :--- | :--- |


| externalvideo | Addition, Subtraction and Division of Surds |
| :--- | :--- |


| externalvideo | Multiplication of Surds |
| :---: | :---: |


| externalvideo | Rationalising the Denominator |
| :--- | :--- |


| externalvideo | Increasing and Decreasing Order of Surds |
| :--- | :--- |


| externalvideo |  |
| :--- | :---: |
| externalvideo Question Session on Surds and Indices <br> externalvideo Surds Short Tricks |  | | Question Session on Application of Tricks |
| :--- |

## Ratio and Proportion

| externalvideo | Concept and Types of Ratio |
| :---: | :---: |
| externalvideo | Concept of Proportion |
| externalvideo | Comparison between Ratios |

## Surds and Indices - Practice Quizzes

| externalvideo | Questions on Basic Concept |
| :--- | :--- |

## Surds and Indices - Tricks and Revision

| externalvideo | Finding amount in Ratio |
| :---: | :---: |
| externalvideo | Amount in Ratio Practice Session |


| externalvideo | Percentage and Ratio |
| :--- | :---: |


| externalvideo | Percentage and Ratio Practice Session |
| :--- | :--- |


| externalvideo | Effect of Quantity Change |
| :--- | :--- |


| externalvideo | Effect of Quantity Change Practice Session |
| :---: | :---: |
| externalvideo | Mixture and Alligation in Ratio |


| externalvideo | Mixture and Alligation in ratio Practice Session |
| :--- | :--- |


| externalvideo | Income and Expenditure |
| :--- | :--- |


| externalvideo | Coins in Ratio |
| :---: | :---: |


| externalvideo | Income Expenditure and Coins Practice Session |
| :--- | :--- |


| externalvideo | Ages in Ratio |
| :---: | :---: |
| externalvideo | Important Mixed Questions Session |

## Mixture and Alligation

| externalvideo | Mixture and Alligation Concepts |
| :--- | :--- |


| externalvideo | Concept of Same Quantity with Different Prices |
| :--- | :--- |


| externalvideo | Concept of Combining two things to get a Mixture |
| :--- | :--- |


| externalvideo | Different Cost Prices Conditions |
| :--- | :--- |


| externalvideo | Percentage related Questions |
| :--- | :--- |

## Ratio and Proportion - Practice Quizzes

| externalvideo | Finding New Ratio |
| :---: | :---: |
| externalvideo Important Mixed Questions on Mixture and Alligation |  |

## Mixture and Alligation - Practice Quizzes

| certification | Practice Questions on Repetition of Activity |
| :--- | :--- |


| certification | Practice Questions on Finding Price \& Quantity |
| :--- | :--- |


| certification | Practice Questions on Finding Ratio |
| :--- | :--- |


| certification | Mixture and Alligation Practice Quiz 1 - Easy |
| :--- | :--- |


| certification | Mixture and Alligation Practice Quiz 2 - Moderate |
| :--- | :---: |


| certification | Mixture and Alligation Practice Quiz 3-Advanced |
| :--- | :---: |

## Percentage

| externalvideo | Changing Percentage to Fraction |
| :--- | :---: |
| externalvideo | Percentage Change Method |
| externalvideo | Increase/Decrease in Fractions |


| externalvideo | Calculating Percentage Distribution and Net Effect |
| :--- | :--- |


| certification | Practice Questions on Percentage Distribution |
| :---: | :---: |
| externalvideo | Calculating Successive Increase/Decrease |

## Mixture and Alligation - Tricks and Revision

| certification | Practice Questions on Successive Increase/Decrease |
| :---: | :---: |
| externalvideo | Elections based Questions |
| certification | Practice Questions on Elections |
| externalvideo | Calculating Income and Expenditure |
| externalvideo | Calculating Ratio in Percentage |
| certification | Practice Questions on Ratio in Percentage |
| externalvideo | Calculating Venn Diagram in Percentage |
| externalvideo | Commission based Questions |


| externalvideo | Number System with Percentage |
| :--- | :--- |


| externalvideo | Important Mixed Questions on Percentage |
| :--- | :--- |

## Percentage - Practice Quizzes

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| certification | Practice Quiz 1- Easy level Questions |
| :--- | :---: |
| certification | Practice Quiz 2-Moderate level Questions |
| certification | Practice Quiz 3-Advanced level Questions |

## Profit and Loss

| externalvideo | Profit and Loss - Basic Concepts, Terms and Formulae ( $\square \square \square \square \square \square \square \square) ~$ |
| :---: | :---: |
| externalvideo | Profit Loss \% - Concept \& Application <br>  |


| externalvideo | Calculating Selling Price and Cost Price ( $\square \square \square \square \square$ |
| :--- | :--- |
| $\square$ | $\square$ |


| externalvideo | Overall Profit or Loss Percentage |
| :--- | :--- |


| externalvideo | Overall Profit or Loss Percentage - Advanced Level |
| :---: | :---: |


| certification | Practice Questions on Profit and Loss \% |
| :--- | :--- |


| externalvideo |  |
| :---: | :---: |

## Percentage - Tricks and Revision

| externalvideo | Calculate New Selling Price at Different Conditions $\square \square$ |
| :--- | :--- |
| $\square$ |  |
| $\square$ |  |

$\square$

| certification | Practice Questions on Calculate New SP after changing Conditions |
| :---: | :---: |
| externalvideo | Calculating Cost Price $\square \square \square \square \square \square \square \square \square \square \square$ |
| externalvideo | Calculate Cost Price after multiple Purchase and Sale |
| certification | Practice Questions on Calculate CP/ SP |
| externalvideo | Important special Questions on Profit and Loss |
| externalvideo |  |
| certification | Practice Questions based on Successive/ Single Discount |
| externalvideo | Dishonest Dealer - Concept, Questions (■■■■■ |
| certification | Practice Questions on Dishonest Dealers |

## Profit and Loss - Practice Quizzes

| certification | Profit and Loss Quiz 1-Easy Level Questions |
| :--- | :--- |


| certification | Profit and Loss Quiz 2 - Moderate Level Questions |
| :--- | :--- |


| certification | Profit and Loss Quiz 3 - Advance Level Questions |
| :--- | :---: |

## Average



| externalvideo |
| :--- |
| certification |
| Finding New Average after Inclusion/Exclusion from a <br> Group |
| externalvideo Practice Questions on Average after Inclusion/Exclusion <br> certification Calculating Bowling / Batting Average <br> certification Practice Questions on New Average after Correction |
| \begin{tabular}{\|l|l|}
\hline
\end{tabular} |

## Average Practice Quizzes

| certification | Practice Quiz $1-$ Easy |
| :--- | :---: |


| certification | Practice Quiz 2-Moderate |
| :--- | :---: |


| certification | Practice Quiz 3-Advanced |
| :--- | :--- |

## Simple and Compound Interest

| externalvideo | Concept and Rules Part 1 |
| :--- | :--- |


| externalvideo | Concept and Rules Part 2 |
| :--- | :--- |


| externalvideo | Simple Interest Basic Formula |
| :--- | :--- |


| externalvideo | Different Rates in Simple interest |
| :---: | :---: |
| externalvideo | Calculating SI when Rate Changes every Year |
| externalvideo | Money Invested in Parts with Different Rates and Time Period |
| externalvideo | Conditions when Rate and Time are Equal |
| externalvideo | SI Mixed Questions |
| certification | SI Practice Questions - When Rate/Principal/Time is asked |

## Average - Important Short Tricks and Revision

| certification | SI Practice Questions - Amount Divided Partly and Comparison between Simple Interest |
| :---: | :---: |
| certification | SI Practice Questions based on Other Conditions |
| externalvideo | CI Basic Formula |
| externalvideo | Difference Between Cl and SI |
| externalvideo | Installments based Problems |


| externalvideo | CI Rate Half Yearly/Quarterly/Bimonthly/Monthly |
| :---: | :---: |


|  |  |
| :--- | :--- |


| externalvideo |
| :--- |
| CI Mixed Questions  <br> externalvideo Important Question Session <br> certification CI Practice Questions - When Rate/Time/Principal is asked <br> certification CI Practice Questions based on Installment \& Other |
| Cenditions |

## Simple and Compound Interest - Practice Quizzes

| certification | Practice Quiz 1-Easy Level |  |
| :--- | :---: | :---: |
| certification | Practice Quiz 2 - Moderate Level |  |
|   <br> certification Practice Quiz 3-Advanced Level |  |  |

## Time and Work

| externalvideo | Concept and Tricks |
| :---: | :---: |
| externalvideo | Different Conditions of Work Completion - Class 1 |
| externalvideo | Work Done Comparison |
|  |   <br> externalvideo Different Conditions of Work Completion - Class 2 | 

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| externalvideo Person Leaving Work in between <br> externalvideo Amount and Share <br> externalvideo Comparison of Efficiency <br> externalvideo Alternate Day Replaced Working <br> externalvideo And-Or based Questions |
| :--- |

## Pipe and Cistern

| externalvideo | Concept and Rules |
| :---: | :---: |
| externalvideo | Calculating Time with no Empty Pipe |
| certification | Practice Questions on Calculating Time with no Empty Pipe |
| externalvideo | Calculating Time with Empty Pipe |
| certification | Practice Questions on Calculating Time with Empty Pipe |
| externalvideo | Calculating Capacity |
| certification | Practice Questions on Calculating Capacity |
| externalvideo | Pipes with Different Efficiency |

certification

|  |  |
| :--- | :---: |
| externalvideo | Calculating Time in Different Conditions |

Time and Work - Practice Quizzes

| certification | Practice Questions on Calculating Time in Different <br> Conditions |
| :---: | :---: |

## Pipe and Cistern - Practice Quizzes

| certification | Practice Quiz 1 - Easy Level |
| :--- | :--- |


| certification | Practice Quiz 2-Moderate |
| :--- | :---: |


| certification | Practice Quiz 3-Advanced |
| :--- | :---: |

## Boat and Stream

| externalvideo | What is Boat and Stream? |
| :--- | :--- |

## Pipe and Cistern - Previous Year Questions

| externalvideo | Boats and Streams - Imp. Formula List |  |
| :--- | :---: | :---: |
| externalvideo | Upstream and Downstream - Concept and Application |  |
|    <br> externalvideo Upstream and Downstream - Practice Session  |  |  |


| certification | Practice Questions based on Upstream and Downstream |
| :--- | :--- |


| externalvideo | When Travel in Both Ways - Concept and Application |
| :---: | :---: |
| certification | Boat and Stream Practice Questions - Other Conditions |

## Boat and Stream - Practice Quizzes

| certification | Boat and Stream Quiz 1-Easy |  |
| :--- | :---: | :---: |
| certification | Boat and Stream Quiz 2-Moderate |  |
|    <br> certification Boat and Stream Quiz 3-Hard  |  |  |

## Quadratic Equations

| externalvideo | What are Quadratic Equations? |
| :--- | :--- |


| externalvideo | The 3 Methods - Factorization, Sridharacharya and |
| :--- | :---: |
| Squaring |  |


| externalvideo | Important Question Session |
| :--- | :---: |
| certification | Practice Questions on Factorization Method |
| certification | Practice Questions on Shridharacharya Method |


| certification | Practice Questions - Completing the Square Method |
| :--- | :--- |

## Quadratic Equation Practice Quizzes

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| certification | Quadratic Equations Quiz 2 - Moderate Level |
| :--- | :--- |

## certification

Quadratic Equations Quiz 3 - Hard Level

## Permutations and Combinations

| externalvideo | Concept and Important Formulas |
| :--- | :--- |

Boat and Stream Short Tricks and Revision

| externalvideo | $\mathrm{P} \& \mathrm{C}$ of Word/Alphabet Arrangement |
| :---: | :---: |

## Boat and Stream - Previous Year Questions

| certification | Practice Questions on Words Alphabet Arrangement |
| :--- | :--- |

## Time and Distance

| externalvideo | P \& C When Vowels/Consonants/Letters Group Together |
| :---: | :--- |

## Probability

| externalvideo | P \& C When Vowels/Consonants/Letters - Not Together |
| :---: | :---: |
| certification | Practice Questions - Vowels Consonants Letters Group |
| Together |  |


| externalvideo | P \& C When No. of Ways Things Occur Together |
| :---: | :---: |
| certification | Practice Questions on No. of Ways Things Occur Together |


| externalvideo | P \& C When First and Last Fixed |
| :---: | :---: |
| externalvideo | P \& C in Making Group Committee |
| certification Practice Questions - Group Committee |  |
| externalvideo Mixed Important Questions for Practice |  |

## Permutations and Combinations - Practice Quizzes

| certification | Practice Quiz $1-$ Easy |
| :--- | :---: |

Quadratic Equations - Short Tricks and Revision

| certification | Practice Quiz 2-Moderate |
| :--- | :---: |

Quadratic Equations - Previous Year Questions

| certification | Practice Quiz 3-Advanced |
| :---: | :---: |

Time and Distance - Tricks and Revision

| externalvideo | Basic Concept and Imp Terms in Probability |  |
| :---: | :---: | :---: |
| externalvideo | Probability - Coin Toss Problems |  |
| certification Practice Questions based on Coin Toss Probability |  |  |


| externalvideo | Dice Problems in Probability |
| :--- | :--- |



## Probability Practice Quizzes

| certification | Probability Quiz 1 - Easy Level Questions |
| :--- | :--- |


| certification | Probability Quiz $2-$ Moderate Level Questions |
| :--- | :--- |


| certification | Probability Quiz 3-Difficult Level Questions |
| :--- | :--- |

## Partnership

| externalvideo | Simple Partnership - Time Same and Money Invested for <br> Equal Time Period |
| :---: | :---: |


| externalvideo |
| :--- |

## Permutations and Combinations - Short Tricks and Revision

| certification | Practice Questions based on Simple Partnership |
| :--- | :--- |

## Permutations and Combinations - Previous Year Questions

| certification | Practice Questions based on Compound Partnership |
| :--- | :--- |


| externalvideo | New Partner Joins In Between |
| :--- | :---: |


| externalvideo | If $\operatorname{Partner(s)~Withdraw/Increase~Investment~In-between~}$ |
| :--- | :--- |


| certification | Practice Questions on Later on Any Partner Joins |
| :--- | :--- |


| certification | Practice Questions on Withdrawal/Increase of Investment <br> in Between |
| :--- | :--- |


| externalvideo | Partial Profit Situations in Partnerships |
| :--- | :--- |


| certification | Practice Questions on Partial Profit Situations |
| :--- | :--- |

## Partnership Practice Quizzes

| certification | Practice Quiz 1 - Easy Level Questions |
| :---: | :---: |
| certification | Practice Quiz 2 - Moderate Level Questions |

certification

Practice Quiz 3 - Advanced Level Questions

## Number Series

| externalvideo | Number Series - Basic Concept and Types of Questions |
| :---: | :---: |
| externalvideo | Missing Term in Number Series |
| certification | Practice Questions based on Missing Term |
| externalvideo | Odd one Out/Wrong number in Number Series |
| certification | Practice Questions based on Odd one Out |



## Probability - Important Short Tricks and Revision

| externalvideo | Double Liner - Number Series |
| :--- | :---: |

## Probability - Previous Year Questions

| certification | Practice Questions - Two Liner Based |
| :---: | :---: |
| externalvideo | Practice Test 1 |
| externalvideo | Practice Test 2 |

## Number Series - Practice Test and Quizzes

| certification | Number Series (Quants) Quiz - Easy Level |
| :--- | :--- |


| certification | Number Series (Quants) Quiz - Moderate Level |
| :--- | :--- |


| certification | Number Series (Quants) Quiz - Hard Level |
| :--- | :--- |

## Trigonometry

| externalvideo | Introduction to Trigonometry and Measurement System |
| :---: | :---: |
| externalvideo | Trigonometric Ratios |
| externalvideo | Domain and Range |
| externalvideo | Minimum and Maximum Values of Trigonometric Functions |
| externalvideo | Important Questions on Trigonometric Ratios |
| certification | Practice Questions on Angle of Depression |

## Trigonometry - Question Sessions \& Practice Quizzes

| certification | Practice Questions on Trigonometric Ratios |
| :--- | :--- |
| certification | Practice Questions on Angle of Elevation |

## Partnership - Short Tricks and Revision

| externalvideo | Trigonometric Identities |
| :--- | :--- |

## Partnership - Previous Years Questions

| externalvideo | Ratio, Reciprocal, Product, Pythagorean, Angle Identities |
| :--- | :--- |


| externalvideo | Trigonometric Identities Important Questions |
| :--- | :--- |


| externalvideo | Trigonometric Identities Practice Session |
| :---: | :---: |
| certification | Practice Questions on Trigonometric Identities |
| externalvideo | Complementary Angles and Quadrant Formula - Session 1 |
| externalvideo | Quadrant Formula - Session 2 |
| externalvideo | Sum and Difference Formula |
| externalvideo | Product/Sum/Difference/Double Half/Thrice Angle Formulas |
| externalvideo | Question Session on Product/Sum/Difference/Double Half/Thrice Angle Formulas |
| externalvideo | Sine and Cosine Laws in Triangle - Session 1 |
| externalvideo | Sine and Cosine Laws in Triangle - Session 2 |
| externalvideo | Projection Rule, Napier's Analogy and Area of Triangle |
| externalvideo | Radian and Degree Based Questions |


| certification | Practice Questions on Circular Measure of Angle |
| :---: | :---: |
| certification Practice Questions on Conversion of Degree/Radian into <br> Radian/Degree |  |

## Number Series - Previous Year Questions

| externalvideo | Mixed Question Session 1 |
| :--- | :--- |
| externalvideo | Mixed Question Session 2 |
|  |  |
| externalvideo | Mixed Question Session 3 |


| externalvideo | Important Questions on Identities - Class 1 |
| :--- | :--- |


| externalvideo | Important Questions on Identities - Class 2 |
| :--- | :--- |


| certification | Practice Quiz 1-Easy level Questions |
| :--- | :--- |


| certification | Practice Quiz 2 - Moderate level Questions |
| :--- | :--- |


| certification | Practice Quiz 3-Advanced level Questions |
| :--- | :--- |

## Logarithm

| externalvideo Logarithm - Definition and Concept <br> externalvideo Properties of Logarithm <br> externalvideo 4 Laws of Logarithm - Product, Quotient, Power/Exponent <br> and Base Change  |
| :--- |
| externalvideo |

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| externalvideo | Characteristics and Mantissa of a Logarithm |
| :---: | :---: |
| externalvideo | Practice Session 1 |
| externalvideo | Practice Session 2 |

## Mensuration 2D

| externalvideo | Introduction to Mensuration |
| :--- | :---: |
| externalvideo | Triangles |
| externalvideo | Quadrilaterals |


| externalvideo | Curved Shapes |
| :--- | :---: |
| externalvideo | Regular Polygon |


| externalvideo | Rectangle Class 1 |
| :--- | :---: |


| externalvideo | Rectangle Class 2 |
| :--- | :--- |


| externalvideo | Rectangle Class 3 |
| :--- | :--- |


| externalvideo | Square with Rectangle |
| :--- | :--- |


| externalvideo | Circle with Rectangle |
| :--- | :---: |


| externalvideo |
| :--- |
| certification |
| Other Conditions with Rectangle  <br> certification Practice Questions on Rectangle Only <br> externalvideo Practice Questions on Rectangle with Others <br> externalvideo Square and its Diagonals <br> externalvideo Square and its perimeter <br> externalvideo Square Percentage EffectsCircle with Square Class 1 |

## Trigonometry - Tricks and Revision

| externalvideo | Circle With Square Class 2 |
| :--- | :--- |
| externalvideo | Triangle With Square |
| certification | Practice Questions based on Square |
| externalvideo |  |
|  | Square With Other Conditions |
| externalvideo |  |


| externalvideo | Parallelogram Question Session |
| :--- | :--- |


| externalvideo |  |
| :---: | :---: |
| externalvideo Rhombus - Concept and Tricks <br> externalvideo Rhombus Question Session - Class 1 |  | |  |
| :--- |

## Logarithm - Tricks and Revision

| externalvideo | Trapezium - Concept and Tricks |
| :--- | :--- |

## Logarithm - Previous Year Questions

| externalvideo | Trapezium Question Session |
| :--- | :--- |

## Algebra

| externalvideo | Triangle with Trapezium |
| :--- | :--- |

## Algebra - Tricks and Revision

| externalvideo | Circle With Trapezium |
| :--- | :--- |

## Algebra - Previous Year Questions

| externalvideo | Polygon - Concept and Questions |
| :--- | :--- |


| certification | Practice Questions on Quadrilaterals \& Polygons |
| :--- | :--- |


| externalvideo | Triangle - Concept and Tricks |
| :--- | :--- |


| externalvideo | Congruent Triangles |
| :--- | :---: |


| externalvideo | Similarity of Triangles |
| :---: | :---: |
| externalvideo | Medians in Triangles |
| externalvideo | Triangle Question Session 1 |
| externalvideo | Triangle Question Session 2 |
| externalvideo | Circle with Triangle - Class 1 |
| externalvideo | Circle with Triangle - Class 2 |
| externalvideo | Circle with Triangle - Class 3 |
| externalvideo | Triangle with Other Conditions |
| certification | Practice Questions based on Triangle |
| certification | Practice Questions based on Triangle with Others |
| externalvideo | Circle - Concept and Tricks |
| externalvideo | Circle Question Session 1 |
| externalvideo | Circle Question Session 2 |
| externalvideo | Circle Question Session 3 |


| externalvideo | Square with Circle |
| :---: | :---: |
| externalvideo | Triangle with Circle |
| externalvideo | Semi Circle - Concept \& Tricks with Question Session |
| certification | Practice Questions based on Circle |
| Mensuration 2D - Practice Quizzes |  |
| certification | Practice Quiz 1 - Beginner |
| certification | Practice Quiz 2 - Moderate |
| certification | Practice Quiz 3 - Advanced |

## Set Theory

| externalvideo | Introduction to Set Theory |
| :---: | :---: |
| externalvideo | Representation of Sets - Statement / Tabular Form |
| externalvideo | Different Types of Sets |
| externalvideo | Problems on Power, Subset, Comparable and Universal Sets |
| externalvideo | Set Operations - Union, Intersection and Venn Diagrams |

## Mensuration Next

| externalvideo | Complement of a Set - Concept with Examples |
| :--- | :--- |

## Geometry and Coordinate Geometry

| externalvideo | Commutative, Associative, Idempotent Laws |
| :--- | :--- |

## Set Theory - Practice Questions and Quizzes

| externalvideo | Set Theory Imp Questions - Practice Session 1 |
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| externalvideo | Set Theory Imp Questions - Practice Session 2 |
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| certification | Practice Quiz 1 - Easy level Questions |
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| certification | Practice Quiz 2-Moderate level Questions |
| :--- | :--- |


| certification | Practice Quiz 3-Advance level Questions |
| :--- | :--- |

## Extra AU

