**Quant Overview**

Ratio and proportions, Mixtures and alligations, Profit and loss, Time and Work, Pipes and Cisterns.

Time, Speed, Distance,Relative Velocity,Circular Tracks,Races and Headstarts, Boats and Escalators,Interest, Average,

Parallel Lines and Angles,Introduction to Triangles,Triangle Properties,Theorems, Similarity and Congruency,Trigonometry, Heights and Distances, Circle Properties and Theorems, Ratio of Areas of inscribed figures.

Quadrilaterals, Polygons,Coordinate Geometry,Mensuration of Solids,Number of lattice points,Integral Points inside a Circle, Reflection of a point

Percentages,Variation Installments, Stocks and Shares ,Divisibility Rules, Factors, Cyclicity, HCF and LCM, Highest Power of a Number in a Factorial,Trailing zeroes in different bases, Non-zero Last digit of a Factorial Number of Integral Solutions Base Systems, Remainder Theorems

Introduction to Algebra, Linear Equations, Quadratic Equations,Progressions and Series, AM, GM, HM, Sum of Convergent Series, Remainders with a Series.

Polynomials, Functions, Cauchy's Functional Equations, Graphs,Surds and Indices, Logarithms, Inequalities.Permutations and Combinations,Probability, Probability Based on Dice, Advanced Probability, Bayes Theorem, Partitioning, Number of integral solutions, Complete Quant Revision, Practice.

* **DILR Overview**
* DI approximation techniques,DI basics, Logical representation of information,Selection with Conditions, Team Selection:Advanced.
* Games and Tournaments, Knock out tournaments, Multi-stage Tournaments, Einstein puzzle, Area chart, Pie Chart and Bubble chart, Routes and Networks, Scheduling, Painted Cubes.
* DI with missing values, DI table with incorrect values Solids, DI data over years, DI with connected data, sets DI Bar and line charts, DI special charts.
* Truth lie concept, Truth liar seating arrangement, Square Seating Arrangement.
* Square, complex arrangement Cumulative DI, Weights and Balances.
* Quant based DI, Blood relations, DI based on rate of growth,Erdos number,Directions,Data Sufficiency, Calendar,LR Based on Picking Coins,Introduction to Venn Diagrams Basics, 4-Group Venn, Diagrams Venn Diagrams- Maxima-Minima, Venn diagram based LR,Complete DILR Revision, Practice

**Verbal Overview**

Approach to RC, Informative reading comprehension, Negative Tone RC.

Central Idea/Main idea/ Purpose of the passage,Inferences, RCs having close options, Author agree/disagree, RC Structure based questions,Title and tone of the passage,

Parajumbles Identifying Links using Transition Words,TITA Parajumbles,Connectors in Para jumbles, Out of context, Para Jumbles.

Approach to Para Completion, Types of Para Completion Questions.

Para Summary, Summary option elimination strategy.

Finding assumptions, Identifying conclusions, Flaw in the argument, strengthen or weaken the conclusion,Poem RC, Dialogue RC Critical reasoning, Evaluating extra Information,Parallel reasoning, Complete Verbal Revision, Practice.