DAV COLLEGE JALANDHAR

PG Department of Mathematics

VALUE ADDED COURSE: Quantitative Aptitude and Reasoning

Syllabus

UNIT-I

Puzzles: Linear 2 row circular or square sitting arrangements, Floor based questions, Scheduling, Tabulation. Inequalities: Direct/Coded, Syllogism

UNIT-II

Series: Alphanumeric, Number of arrangement, Blood relation, Alphabet test, Direction, Distance and Train related questions

UNIT-III

Arithmetic word problems: Time and work, Age, Simple and Compound interest, Partnership, Averages, Boat stream, Time-Distance, Permutation and Combination.

UNIT-IV

Approximation and Simplification: BODMAS, Fractions, Cubes, Squares, and Square root. Data interpretation: Pie charts/Bar graphs. Quadratic equations, Data Sufficiency.