*Name of Assistant Professors: Vibha Goyal*

*Class and Section: B.A. II (3rd Semester)*

*Subject: Mathematics (*ELEMENTS OF QUANTITATIVE APTITUDE *)-(SEC)*

*Lesson Plan: (from July 2025 to November 2025)*

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| *Month* | *Topic* | *Assignment/Test* |
| *July,August* | Linear Equations, Quadratic equations, System of algebraic  equations in two variables and their applications in simple  problems: Problems on ages, Clocks. | *1st class test* |
| *Sep.* | Simple interest, Compound Interest, Partnership.  Basic idea of set theory to solve practical problems.  Trigonometric ratios and identities, Height and distance. | *Assignment* |
| *Oct.* | Basic idea of Permutations and Combinations. Events and  sample space, Probability.  Data interpretation: Raw and grouped data, Bar Graph, Pie  Chart, Mean, Median and Mode. | *2nd class test* |
| *Nov.* | Time and distance: Problems based on trains, Boats and Streams,  Pipes and Cistern. Work and time: Problems on work and time,  Work and wages. |  |