

## QUANTITATIVE TECHNIQUES

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### Course Outcome for Quantitative Techniques:

#### 1. Knowledge:

- Define and differentiate between HCF and LCM.
- Apply the concept of square roots and logarithms to solve mathematical problems.
- Understand the principles of permutation and combination.

#### 2. Comprehension:

- Interpret number series to identify patterns and relationships.
- Analyze and solve problems related to time and work, ages, and data interpretation.
- Apply the concepts of trains, pipes, and streams to real-world scenarios.

#### 3. Application:

- Calculate simple and compound interest, profit and loss in various business situations.
- Solve verbal analogies and reasoning problems using quantitative techniques.
- Represent relationships and sets using Venn diagrams.

#### 4. Analysis:

- Evaluate methods of teaching quantitative techniques and propose improvements.
- Assess research ethics in conducting quantitative analysis and interpreting results.
- Analyze reading comprehension passages and extract key information.

#### 5. Synthesis:

- Develop effective communication skills to explain complex quantitative concepts.
- Create strategies for solving problems efficiently using quantitative techniques.
- Integrate various mathematical concepts to solve real-world scenarios effectively.

#### 6. Evaluation:

- Critically evaluate the accuracy and reliability of quantitative analysis results.
- Assess the effectiveness of different teaching methods in understanding quantitative techniques.
- Determine the validity of arguments and conclusions drawn from quantitative data.