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# Quantitative Aptitude

Master Quantitative Aptitude for SBI PO Success!

## DEFINITION

> Quantitative Aptitude involves mathematical skills necessary for problem-solving in banking exams. It tests your ability to analyze data and perform calculations efficiently.

## KEY CONCEPTS

### Number Systems

Understanding integers, fractions, decimals, and their operations is crucial for calculations.

### Percentage Calculations

Mastering percentages helps in solving problems related to profit, loss, and discounts.

### Ratio and Proportion

These concepts are essential for comparing quantities and solving related problems.

### Averages

Calculating averages is key for analyzing data sets and making comparisons.

### Time and Work

This concept involves calculating how long it takes to complete tasks individually or collectively.

## EXAMPLES

→ If a shirt costs $40 after a 20% discount, what was its original price?

→ A and B can complete a work in 10 and 15 days respectively; how long will they take together?

→ What is the average of the numbers 12, 15, and 18?

## MEMORY TIPS

★ Use the acronym 'NPR' for Number, Percentage, Ratio to remember key topics.

★ Visualize a pie chart for understanding percentages and parts of a whole.

★ Create a story linking time and work problems to real-life scenarios for better recall.

## COMMON MISTAKES

✗ Confusing percentage increase with decrease.

✗ Misapplying formulas for averages and ratios.

✗ Neglecting to check units in time and work problems.

## QUICK RECAP

Quantitative Aptitude is vital for SBI PO exams, focusing on mathematical problem-solving. Key areas include number systems, percentages, ratios, averages, and time/work calculations. Practice these concepts regularly to enhance speed and accuracy.