Quantitative Aptitude

Simple and Compound Interest (Mixed)

S.No.	Concept / Type	Formula / Explanation	Usage / Exam Tip
1	CI vs SI for 2 years	Difference = $P \times (R/100)^2$	Useful shortcut when time = 2 years
2	CI vs SI for 3 years (shortcut)	Difference = $P \times R^2(300 + R)/100^3$	Direct formula for quick solving
3	When CI = SI	Only happens when R = 0% or T = 1 year	Conceptual question often asked
4	Time when SI and CI difference known	$T = 2 \rightarrow$ Use $P = \text{Diff} \times 100^2 / R^2$	Reverse use of 2-year shortcut formula
5	Finding rate (R) from SI and CI difference	$R = \sqrt{(100 \times \text{Diff} / P)}$	Valid only for 2 years

For more study material and quizzes check out SSC CGL Target 150+ Success Series