

SSC Previous Year Question

Detailed Explanation

COMPOUND INTEREST

Target: 100% Accuracy

Today 4 p.m.

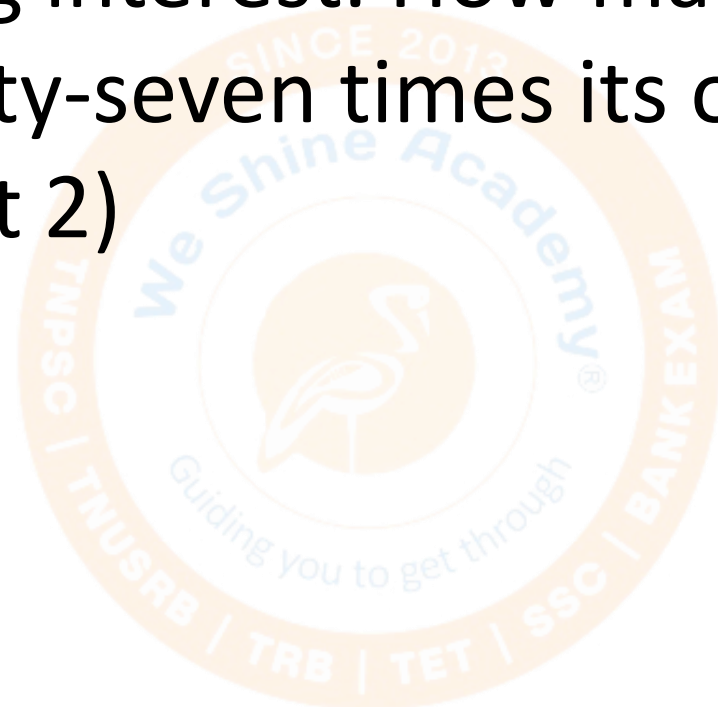


Compound Interest



A certain amount increases to 3 times its initial value after 10 years of compounding interest. How many years will it take for it to grow to twenty-seven times its original amount? SSC CGL 20/09/2025 (Shift 2)

- (a) 32
- (b) 30
- (c) 19
- (d) 18



An amount is said to double in 10 years with compound interest. How many years will it take for the amount to grow to 8 times its original value ?

SSC CGL 12/09/2025 (Shift 1)

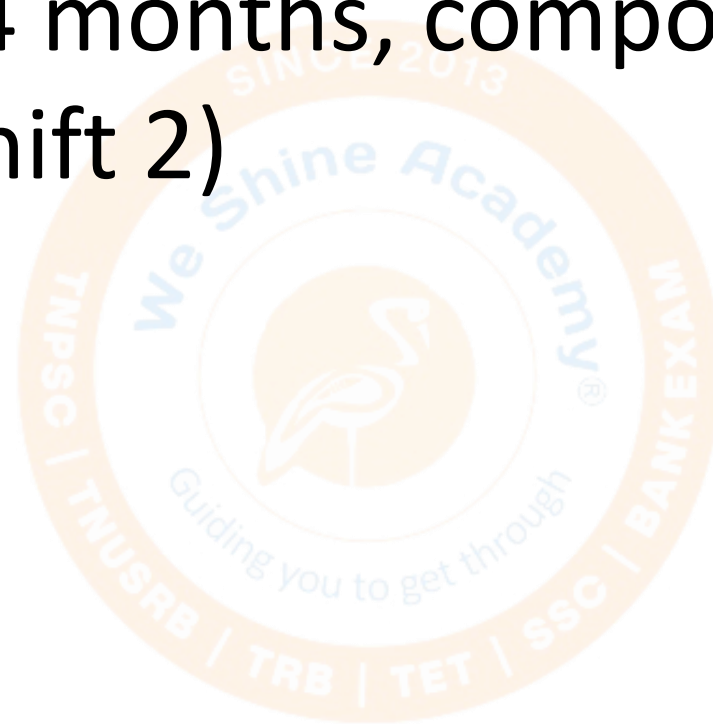
- (a) 15
- (b) 30
- (c) 31
- (d) 18

A sum becomes ₹6,600 in 3 years and ₹7,920 in 4 years at compound interest. What is the original principal? SSC CGL 12/09/2025 (Shift 1)

- (a) ₹3,020.44
- (b) ₹3,829.44
- (c) ₹3,819.44
- (d) ₹3,883.44

Find the compound interest on ₹6,000 at 12% per annum for 3 years 4 months, compounded annually. SSC CGL 12/09/2025 (Shift 2)

- (a) ₹3,000.76
- (b) ₹ 2,866.57
- (c) ₹ 2,766.57
- (d) ₹ 2,966.57



The compound interest on a sum at 12% p.a. for $1\frac{1}{2}$ years, compounded yearly, is ₹1872. Find the principal. SSC CGL 13/09/2025 (Shift 2)

- (a) ₹10,000
- (b) ₹8,000
- (c) ₹2,000
- (d) ₹4,000

If the compound interest on a certain sum at $16\frac{2}{3}$ % per annum for 3 years is ₹2540, find the simple interest on the same sum at the same rate and for the same period. SSC CGL 13/09/2025 (Shift 2)

- (a) ₹2160
- (b) ₹2170
- (c) ₹2180
- (d) ₹2060

A principal of ₹2,00,000 is invested at 10% per annum compound interest, compounded annually. After how many years will the amount grow to ₹2,66,200? SSC CGL 13/09/2025 (Shift 3)

- (a) 3
- (b) 4
- (c) 5
- (d) 6

A vendor lends 84,000 rupees at a rate of 12 % compound interest per annum, compounded annually. Find the interest for the 3rd year. SSC CGL 21/09/2025 (Shift 3)

- (a) 10,000.35
- (b) 11,000
- (c) 12,644.35
- (d) 12,000

Radha invested ₹20,000 in a savings scheme that offers interest at the rate of 10% per annum, compounded annually. Find the compound interest earned by her at the end of 2 years and 6 months. SSC CGL 14/10/2025 (Shift 3)

- (a) ₹5,450
- (b) ₹5,410
- (c) ₹5,430
- (d) ₹5,420

A large, faint watermark of the Weshine Academy logo is centered in the background. It features a circular design with a star in the center, surrounded by the text 'Weshine Academy' and 'SINCE 2013'. Below the star, it says 'Guiding you to get through' and lists various exams: 'TNUSRB | TRB | TET | SSC | BANK EXAM'.

Thank You