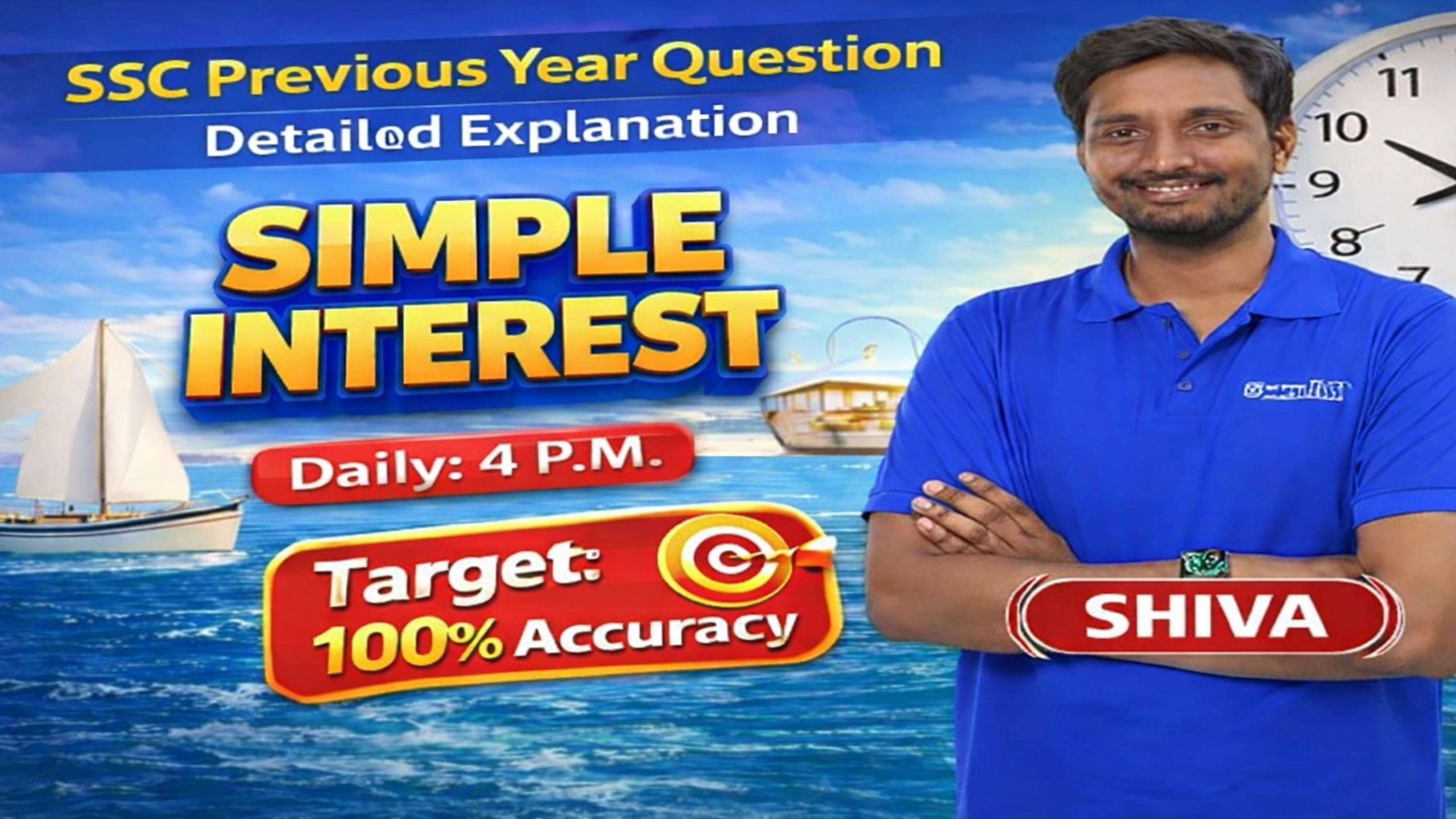
SSC Previous Year Question

Detailed Explanation

SIMPLE INTEREST

Daily: 4 P.M.

Target: 100% Accuracy



Simple Interest

Suppose ₹ P is invested, and after 2 years at 5% simple interest, it yields ₹ Q interest. If ₹Q is then invested for 2 years at 5% simple interest, it yields ₹R interest. Which of the following is true? SSC CGL 18/09/2025 (Shift 3)

(a) $Q = P + R$

(b) $Q^2 = PR$

(c) $P = Q + R$

(d) $P^2 = Q + R$

An individual invested certain amounts in three different schemes A, B, and C at simple interest rates of 7% p.a., 9% p.a., and 11% p.a. respectively. If the total interest accrued in one year was ₹2520 and the amount invested in Scheme C was 250% of the amount invested in Scheme A and 300% of the amount invested in Scheme B, what was the amount invested in Scheme A ? SSC CGL 16/09/2025 (Shift 2)

(a)₹3000

(b) ₹5500

(c) ₹6000

(d) ₹6500

Sunil lent ₹5,000 to Sudhir for 2 years and ₹3,000 to Vinod for 4 years at the same simple interest rate. In total, he received ₹4,400 as interest from both borrowers. What is the rate of interest per annum? SSC CGL 12/09/2025 (Shift 3)

(a)17%

(b) 12%

(c) 15%

(d) 20%

A person invested ₹10,000 in two schemes - Scheme A at 12% p.a. and Scheme B at 8% p.a., both under simple interest. After 1 year, the total interest from both schemes was ₹1,000. How much was invested in Scheme A? SSC CGL 13/09/2025 (Shift 3)

(a)₹2,000

(b) ₹3,000

(c) ₹5,000

(d) ₹2,800

Mohan borrowed a sum of money at simple interest of 7% per annum for the first 3 years, 5% per annum for the next 5 years, and 11% per annum for the period beyond 8 years. If he pays a total of ₹6800 as interest only at the end of 10 years, how much money did he borrow? SSC CGL 14/09/2025 (Shift 2)

(a)₹8000

(b) ₹9000

(c) ₹10000

(d) ₹12000

Aman needed ₹60,000 and split the sum between two lenders: Lender A at 18% p.a. and Lender B at 12% p.a. (simple interest). After 2 years, the total interest paid was ₹19,200. If he had interchanged the principal amounts, his interest would have been ₹2,400 less. How much did Aman borrow from Lender A at 18% p.a. ? SSC CGL 15/09/2025 (Shift 2)

(a)₹20,000

(b) ₹16,000

(c) ₹14,000

(d) ₹40,000

Sarah invested in three schemes M, N, and O at SI rates of 5%, 6%, and 10% p.a. Total interest in one year was ₹3664. The amount in O was 90% of M and 125% of N. What was the amount invested in Scheme N ? SSC CGL 15/09/2025 (Shift 2)

(a)₹14000

(b) ₹15000

(c) ₹14400

(d) ₹16500

Rs. 1800 is lent at a certain rate of simple interest. After 9 months, another Rs. 1200 is lent at a rate that is 1.5 times the original rate. If the total simple interest after 1 year is Rs. 144, find the original rate. SSC CGL 17/09/2025 (Shift 1)

(a)6.4%

(b) 6.5%

(c) 4.2%

(d) 4.6%

Ramesh has ₹15,000. He lends a part of it to Asha for 3 years at 10% simple interest and the remaining to Meena for 3 years at 12% simple interest. If the total interest received from both Asha and Meena after 3 years is ₹4,950, find the amount lent to Asha.
SSC CGL 17/09/2025 (Shift 3)

(a)₹9,000
(b) ₹7,500
(c) ₹8,000
(d) ₹6,500

Amar borrowed ₹6000 from Shankar on March 15, 2025, at 12% per annum simple interest. Amar decided to repay the loan on September 15, 2025. What is the total amount Amar must repay Shankar ? SSC CGL 18/09/2025 (Shift 1)

(a)₹6200.90

(b) ₹6362.96

(c) ₹6162.66

(d) ₹6862.56

A sum becomes 3.1 times of itself in 7 years under simple interest. In how many years will it become 6 times itself at the same rate ? SSC CGL 19/09/2025 (Shift 3)

(a) $\frac{27}{3}$ years

(b) $\frac{50}{3}$ years

(c) $\frac{31}{3}$ years

(d) years

A shopkeeper took a loan of ₹7000 from a bank on 1 April 2023 with simple interest at 8% per annum. He decided to clear the loan on 1 October 2023. How much amount did he pay back to the bank? SSC CGL 20/09/2025 (Shift 2)

(a)₹7280.76

(b) ₹7581.25

(c) ₹7784.79

(d) ₹7790.00

A certain sum becomes 6 times itself in 7 years at simple interest. In how many years will it become 14 times itself at the same rate ? SSC CGL 21/09/2025 (Shift 1)

(a) $18\frac{1}{5}$ years (b) $20\frac{2}{5}$ years

(c) $22\frac{3}{6}$ years (d) $16\frac{3}{5}$ years

Consider the following statements regarding simple interest:

1. The simple interest on ₹10,000 for 3 years at 15% per annum is ₹4,500.
2. If a sum of money doubles in 5 years at simple interest, then it will become 1.5 times in 3 years.
3. The simple interest rate required for an amount to become 4.5 times in 7 years is 50%.

Of these statements, which are correct? SSC CGL 14/10/2025 (Shift 2)

(a)Only 1 is correct

(b) 1 and 2 are correct

(c) 1 and 3 are correct

(d) All 1, 2 and 3 are correct

Thank You