

Simple Interest

1. An amount of Rs. 6500, at simple quarterly interest of 8%, will yield how much in 2 and half years?
 - a) Rs. 6300
 - b) Rs. 7050
 - c) Rs. 6600
 - d) Rs. 7800
2. In 40 years an amount becomes 6 times the original amount. What is the rate of interest?
 - a) 12.5%
 - b) 24%
 - c) 6.67%
 - d) 34%
3. An amount becomes 7 times in 15 years. In how many years will the same amount become 10 times? The rate of interest remains the same for both cases.
 - a) 20 years
 - b) 18.75 years
 - c) 22.50 years
 - d) 21.50 years
4. A sum becomes Rs. 3000 at the rate of 12% per annum (simple interest). The same sum becomes Rs. 3300 at the rate of 15% per annum (simple interest) in the same duration. Find the sum and the duration.
 - a) Rs. 2000 and 20 years
 - b) Rs. 1900 and 8.25 years
 - c) Rs. 1500 and 7 years
 - d) Rs. 1800 and 5.5 years
5. A man got Rs. 130 less, as simple interest, when he invested Rs. 2000 for 4 years as compared to investing Rs. 2250 for same duration. What is the rate of interest?
 - a) 12%
 - b) 13%
 - c) 12.5%
 - d) 10.50%
6. $\frac{1}{5}$ part of an amount was given at 3% simple interest, $\frac{1}{3}$ part was given at 5% simple interest, $\frac{2}{5}$ parts at 9% simple interest and remaining part at 11% simple interest. The total interest received was Rs.297. How much amount was originally given?
 - a) 4500
 - b) 5500
 - c) 3950
 - d) 4200
7. Rs. 20400 was divided in two parts and then invested. One part invested at 6.25% for 8 years yields the same interest as the other part invested at 7% for 5 years. What is the value of smaller part?
 - a) 9600
 - b) 8400
 - c) 10100
 - d) 6500