

D.K.M. College for Women (Autonomous)
Aptitude Test

Simple Interest –Test 10

1. At what rate percent per annum will a sum of money double in 8 years.
a) 12.5% b) 13.5% c) 11.5% d) 14.5%
2. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:
a) Rs. 650 b) Rs. 690 c) Rs. 698 d) Rs. 700
3. What is the rate of simple interest?
I. The total interest earned was Rs. 4000.
II. The sum was invested for 4 years.
a) A. Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
b) Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
c) Statement I or in Statement II alone are sufficient to answer the question.
d) Statements I and II together are not sufficient to answer the question.
4. A sum of Rs. 25000 becomes Rs. 27250 at the end of 3 years when calculated at simple interest. Find the rate of interest.
a) 2% b) Rs. 3% c) 3% d) 5%
5. Ariel takes a loan of \$8,000 to buy a used truck at the rate of 9 % simple Interest. Calculate the annual interest to be paid for the loan amount.
a) 720 b) 890 c) 688 d) 700
6. The simple interest on Rs. 1820 from March 9, 2005, to May 21, 2005, at 7.5% rate will be:
a) Rs. 28.50 b) Rs. 27.30 c) Rs. 23.80 d) Rs. 30
7. In what time will the simple interest on Rs 400 at 10% per annum be the same as the simple interest on Rs 1000 for 4 year at 4 % per annum?
a) 2 yrs b) 3 yrs c) 4 yrs d) 6 yrs
8. A financier claims to be lending money at simple interest, But he includes the interest every six months for calculating the principal. If he is charging an interest of 10%, the effective rate of interest becomes.
a) 10.25% b) 10% c) 9.25% d) 9%
9. The sum required to earn a monthly interest of Rs 400 at 10 % per annum at simple interest is
a) Rs 2000 b) Rs 12000 c) Rs 24000 d) Rs 48000

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10. A man borrowed some amount, after 3 years he paid Rs.10,400/- with 10% interest, then how much Amount he borrowed?
a) Rs.7000/- b) Rs.8000/- c) Rs.9000/- d) Rs.1000/-
11. A person took some amount with some interest for 2 years, but increase the interest for 1%, he paid Rs.120/- extra, then how much amount he took?
a) Rs.5500 b) Rs.6000 c) Rs.4000 d) Rs.7000
12. The car is purchased on hire-purchase. The cash price is \$21 000 and the terms are a deposit of 10% of the price, then the balance to be paid off over 60 equal monthly installments. Interest is charged at 12% p.a. What is the total cost of the car?
a) 30.240 b) 31.240 c) 33.240 d) 32,240
13. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:
a) Rs. 650 b) Rs. 690 c) Rs. 698 d) Rs. 700
14. What annual installment will discharge a debt of Rs 1092 due in 3 years at 12% simple interest?
a) Rs.325 b) Rs.545 c) Rs.560 d) Rs.550
15. A sum fetched a total simple interest of 4016.25 at the rate of 9 %.p.a. in 5 years. What is the sum?
a) 4462.50 b) 8032.50 c) 8925 d) None of these
16. Find the rate at Simple interest, at which a sum becomes four times of itself in 15 years.
a) 10% b) 20% c) 30% d) 40%
17. In 10 years, A wants simple interest to be of the amount. So, what should be the rate percent per annum?
a) 5.66% b) 5% c) 4% d) 6%
18. A borrow taken by a man, for every 5 years it will be doubled, then how much time it will be taken
a) 12years b) 15years c) 16years d) 13years
19. In what time will the simple interest on Rs 400 at 10% per annum be the same as the simple interest on Rs 1000 for 4 year at 4 % per annum?
a) 2 yrs b) 3 yrs c) 4 yrs d) 6 yrs
20. A borrow took by a man, for every 8 years it will be 3 times, then what is the rate of the interest?

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- a) 15% b) 20% c) 20% d) 28%
21. A sum of money at simple interest amounts to Rs. 2240 in 2 years and to Rs. 2600 in 5 years. What is the principal amount.
a) 1000 b) 1500 c) 2000 d) 2500
22. Simple interest on a certain sum is $\frac{16}{25}$ of the sum. Find the rate percent and time, If both are numerically equal?
a) Rate = 7% and Time = 7 years b) Rate = 8% and Time = 8 years
c) Rate = 6% and Time = 6 years d) Rate = 5% and Time = 5 years
23. In how many years Rs 150 will produce the same interest at 8% as Rs. 800 produce in 3 years at $\frac{9}{2}\%$
a) 8 b) 9 c) 10 d) 11
24. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?
a) 3.5 years b) 4 years c) 4.5 years d) 5 years
25. Ramya gives 50 times the rent per annum to purchase a plot from L.I.C. Find the rate of interest from the amount paid by him.
a) 1% b) 2% c) 3% d) 1.5%