

RD Sharma
Solutions

Class 7

aglasem.com



OBJECTIVE TYPE QUESTIONS

Ch-13

Mark the correct alternative in each of the following:

- If the simple interest on a certain sum for 2 years at the rate of 5 % per annum is ₹ 4000, then the sum is
(a) ₹ 46,000 (b) ₹ 44,000 (c) ₹ 40,000 (d) ₹ 48,000
- In how many years will a certain sum become 3 times itself at 25% per annum under simple interest?
(a) 5 (b) 8 (c) 12 (d) 6
- The amount on ₹ 25,000 at 8 % per annum for 6 years under simple interest is
(a) ₹ 35,000 (b) ₹ 37,000 (c) ₹ 45,000 (d) ₹ 47,000
- The simple interest for ₹ 1500 at 8% per annum for 3 years is
(a) ₹ 400 (b) ₹ 360 (c) ₹ 450 (d) ₹ 500
- The difference between the interest obtained for ₹ 1000 at 12% per annum for 3 years and that for ₹ 1500 at 8% per annum for $1\frac{1}{2}$ years is
(a) ₹ 360 (b) ₹ 300 (c) ₹ 180 (d) ₹ 200
- Which of the following yields maximum interest for 2 years?
(a) ₹ 1500 at 8% per annum (b) ₹ 1000 at 11 % per annum
(c) ₹ 2000 at 5 % per annum (d) ₹ 900 at 20 % per annum
- If a sum of ₹ 3000 is lent out at 3 % per annum for 20 years under simple interest, then the amount at the end of 20th year is
(a) ₹ 1800 (b) ₹ 1080 (c) ₹ 3600 (d) ₹ 4800
- If a sum of ₹ 2000 is lent out at 2 % per annum for 10 years under simple interest, then the amount is
(a) ₹ 1400 (b) ₹ 2400 (c) ₹ 200 (d) ₹ 1500
- If interest on ₹ x for 2 years at R % per annum is ₹ 80, then interest on ₹ 2x for one year at R % per annum is
(a) ₹ 160 (b) ₹ 40 (c) ₹ 80 (d) ₹ 120
- At simple interest a sum becomes $\frac{49}{40}$ of itself in $2\frac{1}{2}$ years. The rate of interest per annum is
(a) 7 % (b) 8 % (c) 12 % (d) 9 %
- At what rate per cent per annum simple interest will a sum double itself in 10 years?
(a) 8 % (b) 10 % (c) 12 % (d) $12\frac{1}{2}$ %
- In what time will a sum of ₹ 8000 amount to ₹ 8360 at 6 % per annum simple interest?
(a) 8 months (b) 9 months (c) $1\frac{1}{4}$ months (d) $1\frac{1}{2}$ years
- a, b and c are three sums of money such that b is the simple interest on a and c is the simple interest on b for the same time and same rate. Which of the following is correct?
(a) $abc = 1$ (b) $c^2 = ab$ (c) $b^2 = ac$ (d) $a^2 = bc$
- The simple interest at R % per annum for n years will be ₹ n on a sum of
(a) ₹ n (b) ₹ 100 n (c) ₹ $\frac{100}{n}$ (d) ₹ $\frac{100}{n^2}$
- The simple interest on a certain sum is $\frac{16}{25}$ of the sum. If the rate per cent per annum and the time are numerically equal, then the rate per cent is
(a) 8 % (b) 4 % (c) 6 % (d) 12 %
- At which rate per cent per annum simple interest will a sum treble itself in 16 years?
(a) 12 % (b) 10.5 % (c) 11.5 % (d) 12.5 %

ANSWERS

- | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|
| 1. (c) | 2. (b) | 3. (b) | 4. (b) | 5. (c) | 6. (d) | 7. (d) |
| 8. (b) | 9. (c) | 10. (d) | 11. (b) | 12. (b) | 13. (c) | 14. (c) |
| 15. (c) | 16. (d) | | | | | |