EduSahara™ Assignment

Name : Simple Interest

Chapter : Comparing Quantities

Grade : CBSE Grade VII

1. If principal is ₹15000.00, ROI is 5.00% p.a., no of year(s) is 3 and interest type is simple interest computed annually, then interest is

   (i) ₹2252.00 (ii) ₹2251.00 (iii) ₹2248.00 (iv) ₹2249.00 (v) ₹2250.00

2. If principal is ₹18000.00, ROI is 3.00% p.a., no of year(s) is 4 and interest type is simple interest computed annually, then amount is

   (i) ₹20162.00 (ii) ₹20160.00 (iii) ₹20159.00 (iv) ₹20161.00 (v) ₹20158.00

3. If ROI is 5.00% p.a., no of year(s) is 5 and accumulated simple interest is ₹4250.00 computed annually, then principal is

   (i) ₹17000.00 (ii) ₹16998.00 (iii) ₹17001.00 (iv) ₹17002.00 (v) ₹16999.00

4. If ROI is 5.00% p.a., no of year(s) is 3 and accumulated simple interest is ₹2550.00 computed annually, then amount is

   (i) ₹19549.00 (ii) ₹19550.00 (iii) ₹19551.00 (iv) ₹19552.00 (v) ₹19548.00

5. If principal is ₹9000.00, no of year(s) is 3 and accumulated simple interest computed annually is ₹2160.00, then ROI per annum is

   (i) 7.00% (ii) 6.00% (iii) 8.00% (iv) 10.00% (v) 9.00%

6. If principal is ₹11000.00, no of year(s) is 4 and accumulated simple interest computed annually is ₹880.00, then amount is

   (i) ₹11882.00 (ii) ₹11878.00 (iii) ₹11881.00 (iv) ₹11879.00 (v) ₹11880.00

7. If principal is ₹11000.00, ROI is 2.00% p.a. and accumulated simple interest computed annually is ₹660.00, then no of years is

   (i) 5 (ii) 2 (iii) 1 (iv) 3 (v) 4

8. If principal is ₹16000.00, ROI is 9.00% p.a. and accumulated simple interest computed annually is ₹5760.00, then amount is

   (i) ₹21759.00 (ii) ₹21758.00 (iii) ₹21761.00 (iv) ₹21762.00 (v) ₹21760.00

9. If principal is ₹20000.00 and simple interest amount is ₹21600.00 for 2 year(s) computed annually, then ROI per annum is

   (i) 3.00% (ii) 5.00% (iii) 4.00% (iv) 6.00% (v) 2.00%

10. Find simple interest, if P = principal, T = time, R = rate percent per annum

    (i) $\frac{PTR}{100}$ (ii) $\frac{PT}{100 + R}$ (iii) $\frac{P + T + R}{100}$ (iv) $\frac{100}{PTR}$

11. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find simple interest

    (i) $\frac{100 \times SI}{P \times R}$ (ii) $\frac{PTR}{100}$ (iii) $\frac{100 \times SI}{P \times T}$ (iv) $\frac{100 \times SI}{R \times T}$

12. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find principal

(i) $\frac{100 \times SI}{R \times T}$ (ii) $\frac{100 \times SI}{P \times T}$ (iii) $\frac{100 \times SI}{P \times R}$ (iv) $\frac{PTR}{100}$

13. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find rate

(i) $\frac{100 \times SI}{P \times T}$ (ii) $\frac{100 \times SI}{P \times R}$ (iii) $\frac{PTR}{100}$ (iv) $\frac{100 \times SI}{R \times T}$

14. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find terms

(i) $\frac{100 \times SI}{P \times R}$ (ii) $\frac{100 \times SI}{R \times T}$ (iii) $\frac{PTR}{100}$ (iv) $\frac{100 \times SI}{P \times T}$

Assignment Key

1) (v)	2) (ii)	3) (i)	4) (ii)	5) (iii)	6) (v)
7) (iv)	8) (v)	9) (iii)	10) (i)	11) (ii)	12) (i)
13) (i)	14) (i)				