EduSahara™ Assignment

Name : Simple Interest

Chapter : Ratio - Applications

Grade : SSC Grade VII

1. If principal is ₹20000.00, ROI is 7.00% p.a., no of year(s) is 2 and interest type is simple interest computed annually, then interest is

   (i) ₹2800.00 (ii) ₹2801.00 (iii) ₹2802.00 (iv) ₹2799.00 (v) ₹2798.00

2. If principal is ₹11000.00, ROI is 8.00% p.a., no of year(s) is 4 and interest type is simple interest computed annually, then amount is

   (i) ₹14520.00 (ii) ₹14518.00 (iii) ₹14522.00 (iv) ₹14521.00 (v) ₹14519.00

3. If ROI is 9.00% p.a., no of year(s) is 5 and accumulated simple interest is ₹6750.00 computed annually, then principal is

   (i) ₹15000.00 (ii) ₹15002.00 (iii) ₹14998.00 (iv) ₹15001.00 (v) ₹14999.00

4. If ROI is 5.00% p.a., no of year(s) is 5 and accumulated simple interest is ₹2750.00 computed annually, then amount is

   (i) ₹13752.00 (ii) ₹13748.00 (iii) ₹13750.00 (iv) ₹13751.00 (v) ₹13749.00

5. If principal is ₹14000.00, no of year(s) is 2 and accumulated simple interest computed annually is ₹2800.00, then ROI per annum is

   (i) 10.00% (ii) 8.00% (iii) 11.00% (iv) 9.00% (v) 12.00%

6. If principal is ₹20000.00, no of year(s) is 5 and accumulated simple interest computed annually is ₹7000.00, then amount is

   (i) ₹27002.00 (ii) ₹26999.00 (iii) ₹27001.00 (iv) ₹27000.00 (v) ₹26998.00

7. If principal is ₹18000.00, ROI is 3.00% p.a. and accumulated simple interest computed annually is ₹1620.00, then no of years is

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

8. If principal is ₹19000.00, ROI is 5.00% p.a. and accumulated simple interest computed annually is ₹2850.00, then amount is

   (i) ₹21850.00 (ii) ₹21852.00 (iii) ₹21851.00 (iv) ₹21848.00 (v) ₹21849.00

9. If principal is ₹14000.00 and simple interest amount is ₹16240.00 for 2 year(s) computed annually, then ROI per annum is

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

10. If the simple interest amount for a certain principal is ₹17440.00 for 3 year(s) at an ROI of 3.00% p.a. computed annually, then principal is

    (i) ₹16000.00 (ii) ₹16001.00 (iii) ₹15999.00 (iv) ₹15998.00 (v) ₹16002.00

11. If the simple interest amount for a certain principal is ₹7000.00 for 5 year(s) at an ROI of 8.00% p.a. computed annually, then interest is

    (i) ₹1999.00 (ii) ₹2000.00 (iii) ₹1998.00 (iv) ₹2001.00 (v) ₹2002.00

12. If the simple interest on a certain principal is ₹4200.00 for 4 year(s) at ROI 7.00% p.a. computed annually, then what is the simple interest for the same principal and ROI for 5 year(s)?

(i) ₹5252.00 (ii) ₹5249.00 (iii) ₹5250.00 (iv) ₹5251.00 (v) ₹5248.00

13. If the simple interest on a certain principal is ₹2000.00 for 5 year(s) at ROI 8.00% p.a. computed annually, then what is the simple interest for the same principal and duration at 2.00% p.a. ROI?

(i) ₹499.00 (ii) ₹498.00 (iii) ₹502.00 (iv) ₹500.00 (v) ₹501.00

14. If the simple interest on a certain principal is ₹1750.00 for 5 year(s) at ROI 5.00% p.a. computed annually, then what is the simple interest for the same principal at 6.00% p.a. ROI and duration 2 year(s)?

(i) ₹841.00 (ii) ₹838.00 (iii) ₹839.00 (iv) ₹842.00 (v) ₹840.00

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

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

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

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

17. 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) $\frac{PTR}{100}$ (iv) $\frac{100 \times SI}{P \times R}$

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

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

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

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

Assignment Key

1) (i)	2) (i)	3) (i)	4) (iii)	5) (i)	6) (iv)
7) (i)	8) (i)	9) (i)	10) (i)	11) (ii)	12) (iii)
13) (iv)	14) (v)	15) (ii)	16) (iii)	17) (i)	18) (i)
19) (iii)					