

# NORTHEAST PSC

## SI and CI

(By Amarjeet Sir)

(9 Years Teaching Experience |

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**Q1. In how many years does a sum of Rs. 12,500 yield a simple interest of Rs. 9000 at the rate of 18% per annum?**

[APSSNB CSL 2023]

- (a) 3 years (b) 4 years  
(c) 5 years (d) None of these

**Q2. Simple interest on ₹3,500 for 3 years at 12% p.a. is**

[APSSB Forester 2022]

- (a) Rs.1,200 (b) 1,260  
(c) 2,260 (d) None of these

**Q3. 520. What sum of money will amount to Rs.19,200 in 4 years at 15% p.a.?**

[APSSB Forester 2022]

- (a) ₹12,000 (b) ₹16,000  
(c) ₹14,500 (d) ₹13,200

**Q4. In how many years a certain sum becomes 5 times itself at 25% simple interest per annum?**

[APSSB CHSL 2021]

- (a) 10 yrs (b) 15 yrs  
(c) 16 years (d) None of these

**Q5. If the sum of money doubles itself in 6 years at certain rate of simple interest, then the rate of interest is**

[APSSB CHSL 2023]

- (a) 16.667% (b) 15.556%  
(c) 18% (d) 10%

**Q6. A sum fetched a total simple interest of Rs. 4.016.25 at the rate of 9% p.a in 5 years. What is the sum?**

[APSSB Forest Guard 2022]

- (a) ₹24,462.50 (b) ₹8,032.50  
(c) ₹8,900 (d) ₹8,925

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**Q7. 523.** The compound interest on ₹30,000 at 7% per annum is 24,347. The period (in years) is

[APSSB Forest Guard 2022]

- (a) 2 (b)  $2\frac{1}{2}$   
(c) 3 (d) 4

**Q8.** A sum of money at simple interest amounts to 815 in 3 years and 853 in 4 years. The sum is

[APSSB Forest Guard 2022]

- (a) ₹650 (b) ₹690  
(c) ₹698 (d) ₹700

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**Q9.** The least number of complete years in which a sum of money put

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at 20% compound interest will be more than doubled is

[APSSB Forest Guard 2022]

- (a) 3 (b) 4  
(c) 5 (d) 6

**Q10.** Simple interest for Rs. 1,000 at 4.5% per annum for one year is

[APSSB CLDCE LDC 2023]

- (a) Rs. 40.5 (b) Rs. 450  
(c) Rs. 45.5 (d) Rs. 45

**Q11.** At what rate of interest will Rs. 4,000 amount to Rs. 4,220 in one year?

[APSSB CLDCE LDC 2023]

- (a) 5.5% (b) 4%  
(c) 6% (d) 5%

**Q12.** Compound interest on Rs. 10,000 at 10% per annum C.I. for 2 years is

[APSSB CLDCE LDC 2023]

- (a) Rs. 2,000 (b) Rs. 2,100  
(c) Rs. 210 (d) None

**Q13.** Priya invested 6,000 for 3 years and received ₹ 1,080 as interest. The rate of interest is

[APSSB LDC 2020]

- (a) 5% (b) 4.75%

- (c) 5.93% (d) 6%

**Q14. 529.** The simple interest on a sum of Rs. 1,000 at 10% per annum for 2 years is

[APSSB Fireman & Mineral Guard 2023]

- (a) Rs. 100 (b) Rs. 150  
(c) Rs. 200 (d) Rs. 20

**Q15.** Rs. 5,000 at 5% p.a. Simple interest for 4 years would amount to

[APSSB Fireman & Mineral Guard 2023]

- (a) Rs. 6,000 (b) Rs. 5,400  
(c) Rs. 5,500 (d) None of these

**Q16.** If a sum of money doubles at certain rate of simple interest for 8 yrs, then rate of simple interest is

[APSSB Fireman & Mineral Guard 2023]

- (a) 12.5% (b) 12%  
(c) 18% (d) 16%

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**Q17.** The time period in which Rs. 5,500 will amount to Rs. 6,050 at 4% p.a. simple interest is

[APSSB Fireman & Mineral Guard 2023]

- (a) 2 yrs (b) 2.5 yrs  
(c) 3 yrs (d) 1 yr

**Q18.** What is the simple interest on Rs. 650 for 14 weeks at 6% p.a. (assume an year has 52 weeks)?

[APSSB Fireman & Mineral Guard 2023]

- (a) Rs. 6 (b) Rs. 8  
(c) Rs. 10 (d) Rs. 10.5

**Q19.** If sum of money doubles itself in 12 yrs 6 months at certain rate of simple interest, the number of years required to triple itself is

[APSSB Fireman & Mineral Guard 2023]

- (a) 18 yrs (b) 16.5 yrs  
(c) 25 yrs (d) None of these

**Q20.** The value that Rs. 1,000 would amount to under compound interest at 10% p.a. for 2 years is

[APSSB Fireman & Mineral Guard 2023]

- (a) Rs. 1,212 (b) Rs. 1,210  
(c) Rs. 1,200 (d) None of these

**Q21.** If a certain sum of money amounts to Rs. 24,200 in 2 years at

10% p.a. compound interest, then sum is

[APSSB Fireman & Mineral Guard 2023]

- (a) Rs. 20,000 (b) Rs. 22,000  
(c) Rs. 19,800 (d) None of these

**Q22. The amount Mr. Krishna gets if he invests Rs. 50,000 at 7.5% p.a. simple interest for 2 years is**

[APSSB CGL 2023]

- (a) Rs. 57,500 (b) Rs. 50,750  
(c) Rs. 57,750 (d) None of these

**Q23. Find the amount of ₹ 8,000 for 3 years, compounded annually at 5% per annum.**

[APSSB CGL 2022]

- (a) ₹9,261 (b) ₹10,000  
(c) ₹9,000 (d) ₹ 8,500

**Q24. How long will it take a sum of money invested at 5% p.a. S.I. to increase its value by 40% ?**

[APSSB CGL 2022]

- (a) 8 years (b) 7 years  
(c) 9 years (d) 10 years

**Q25. A man borrows Rs. 500 at 10% S.I. p.a. for 2 years. What is the simple interest received by the money lender?**

[APSSB UDC 2019]

- (a) Rs. 50 (b) Rs. 150  
(c) Rs. 100 (d) None of these

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