**Studytonight – Simple Interest - test 1 – Aditya Jain**

1. **A person borrows Rs. 5000 for 2 years at 45 p.a. simple interest. He immediately lends it to another person at 6.25 % p.a. for 2 years. Find his gain in the transaction per year.**
2. **Rs. 112.50**
3. Rs. 125
4. Rs. 150
5. Rs. 167.50
6. **A man took a loan from a bank at the rate of 12% p.a. simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principle amount borrowed by him was:**
7. Rs. 2000
8. Rs. 10,000
9. **Rs. 15,000**
10. Rs. 20,000
11. **Rs.800 becomes in 3 years at a certain rate of simple interest. If the rate of interest is increased by 4%, what amount will Rs.800 becomes in 3 years?**
12. Rs. 1020.80
13. Rs. 1025
14. **Rs. 1052**
15. Data inadequate
16. **The simple interest on a certain sum of money at the rate of 5% p.a. for 8 years is Rs.840. At what rate of interest the same amount of interest can be received on the same sum after 5 years?**
17. 6%
18. **8%**
19. 9%
20. 10%
21. **Aditya borrowed some money at the rate of 6% p.a. for the first three years, 9% p.a. for the next five years and 13% p.a. for the period beyond eight years. If the total interest paid by him at the end of eleven years is Rs.8160, how much money did he borrow?**
22. **Rs. 8000**
23. Rs. 10,000
24. Rs. 12,000
25. Data inadequate
26. **Simple interest on a sum of money will be Rs.600 after 10 years. If the principal is trebled after 5 years, what will be the total interest at the end of tenth year?**
27. Rs. 600
28. Rs. 900
29. **Rs. 1200**
30. Rs. 1500
31. **An automobile 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:**
32. 10%
33. **10.25%**
34. 10.5%
35. None of these
36. **Abhishek invests a certain sum of money at 6% p.a. simple interest and another sum at 7% p.a. simple interest. His income from interests after 2 years was Rs.354. One-fourth of the first sum is equal to one-fifth of the second sum, the total sum invested was?**
37. Rs. 2600
38. **Rs. 2700**
39. Rs. 2880
40. Rs. 2900
41. **A borrowed some money from B at 12% p.a. S.I for 3 years. He then added some more money to the borrowed sum and lend it to C for the same period at 14% p.a. rate of interest. If A gains Rs.93.90 in the whole transaction, how much money did he add from his side?**
42. Rs. 35
43. Rs. 55
44. Rs. 80
45. **Rs. 105**
46. **A sum of Rs.725 is lent in the beginning of a year at a certain rate of interest. After 8 months, a sum of Rs.362.50 more is lent but at the rate twice the former. At the end of the year, Rs.33.50 is earned at interest from both the loans. What was the original rate of interest?**
47. 3.6%
48. 4.5%
49. 5%
50. **None of these**
51. **Ansh invested an amount of Rs.12,000 at the rate of 10 p.c.p.a simple interest and another amount at the rate of 20 p.c.p.a simple interest. The total interest earned at the end of one year on the total amount invested become 14 p.c.p.a. Find the total amount invested.**
52. **Rs. 20,000**
53. Rs. 22,000
54. Rs. 24,000
55. Rs. 25,000
56. **The price of a T.V set worth Rs.20,000 is to be paid in 20 instalments of Rs.1000 each. If the rate of interest be 6% per annum, and the first instalment be paid at the time of purchase, then the value of the last instalment covering the interest will be?**
57. Rs. 1050
58. Rs. 2050
59. Rs. 3000
60. **None of these**
61. **An amount of Rs.1,00,000 is invested in two types of shares. The first yields an interest of 9% p.a. and the second, 11% p.a. If the total interest at the end of one year is 39/4 %, then the amount invested in each share was?**
62. Rs.52,500; Rs.47,500
63. **Rs.62,500; Rs.37,500**
64. Rs.72,500; Rs.27,500
65. Rs.82,500; Rs.17,500
66. **A person invested in all Rs.2600 at 4%, 6% and 8% per annum simple interest. At the end of the year, he got the same interest in all the three cases. The money invested at 4% is?**
    1. Rs.200
    2. Rs.600
    3. Rs.800
    4. **Rs.1200**
67. **A man invested 1/3 of his capital at 7%; 1/4 at 8% and the remainder at 10%. If the annual income is Rs.561, the capital is:**
    1. Rs.5400
    2. Rs.6000
    3. **Rs.6600**
    4. Rs.7200