

### Sample Quantitative Aptitude

S. No.	Questions	Answer	Marks
1.	Three types of tea the a,b,c costs Rs. 95/kg,100/kg and70/kg respectively. How many kgs of each should be blended to produce 100 kg of mixture worth Rs 90/Kg given that the quantities of b and c are equal A) 70,15,15 C) 60,20,20	B) 50,25,25 D) 40,30,30	B 1
2.	21. If $2X - Y = 4$ , then $6X - 3Y = ?$ A) 15 C) 18	B) 12 D) 10	B 1
3.	22. $(1/10)^{18} - (1/10)^{20} = ?$ A) 99/1020 C) 0.9	B) 99/10 D) None of above	A 1
4.	23. Which of the following is not a prime number? A) 32 C) 71	B) 61 D) 91	D 1
5.	A screwdriver and a hammer currently have the same price. If the price of a screwdriver rises by 5% and the price of a hammer goes up by 3%, how much more will it cost to buy 3 screwdrivers and 3 hammers? A) 3% C) 5%	B) 4% D) 8%	B 1
6.	25. If n and p are both odd numbers, which of the following numbers must be an even number? A) n+p C) np+2	B) np D) n+p+1	A 1
7.	There are 30 socks in a drawer. 60% of the socks are red and the rest are blue. What is the minimum number of socks that must be taken from the drawer without looking in order to be certain that at least two blue socks have been chosen? A) 2 C) 14	B) 3 D) 20	D 1
8.	27. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is: A) 650 C) 698	B) 690 D) 700	C 1
9.	P is able to do a piece of work in 15 days and Q can do the same work in 20 days. If they can work together for 4 days, what is the fraction of work left? A) 7/15 C) 11/15	B) 8/15 D) 2/11	B 1
10.	How much time will it take for an amount of Rs. 900 to yield Rs. 81 as interest at 4.5% per annum of simple interest? A) 2 years C) 1 year	B) 3 years D) 4 years	A 1