QUANTITATIVE APTITUDE MEGA QUIZ FOR SSC CGL

Q1. By selling a stove at 77% of its marked price, a seller makes a loss of 37%. What will be the profit or loss percentage if he sells it at 125% of its previous selling price?
(a) 19.75
(b) 26.35
(c) 22.35
(d) 21.25

Q2. An article is listed at Rs. 1165 and two successive discounts of 7% and 11% are given on it. How much would the seller gain or loss, if he gives a single discount of 18% instead of two discounts?
(a) loss of Rs. 7.79
(b) Loss of Rs. 8.97
(c) Gain of Rs. 9.56
(d) Loss of Rs. 8.83

Q3. A retailer bought 3850 Chair and 1848 Bench at the same price. He sells Chair in such a way that he can buy 650 Chair with the sale price of 481 Chair. Again he can buy only 408 Bench with the sale price of 625 Bench. What is the overall percentage profit or loss of the retailer?
(a) 120
(b) 240
(c) 360
(d) Data insufficient

Q4. A Burger king dealer decided the price of its commodities in such a way that even after providing a discount of 10% he makes a profit of 15%. If the dealer buys the commodity for Rs. 720, then the marked price of commodity is
(a) Rs. 920
(b) Rs. 900
(c) Rs. 890
(d) Rs. 950

Q5. 15 l of water is added to a certain quantity of pure chocolate costing Rs. 8 / l. If by selling the mixture at 20% less price as before, a profit of 35% is made, then what is the amount of pure chocolate in the mixture?
(a) $11\frac{9}{11}l$
(b) $24\frac{8}{9}l$
(c) $24\frac{8}{11}l$
(d) $21\frac{9}{11}l$

Q6. By selling an article at 78% of its marked price, a yogesh makes a loss of 22%. What will be the percent profit or loss made by the yogesh if he sells the article at 97% of its marked price?
(a) 3% loss
(b) 2% loss
(c) 2.43% profit
(d) 1.53% profit

Q7. Tanmay got 30% concession on the labeled price of an article and sold it at Rs. 8750 with 25% profit on the price he bought. What was the labeled price?
(a) Rs. 16000
(b) Rs. 12000
(c) Rs. 10000
(d) Rs. 14000

Q8. A person sold a plasma TV for Rs. 9400 and he lost a particular amount. When he sold another plasma TV of the same type at Rs. 10600, his gain was double the former loss. What was the cost price of each plasma TV?
(a) Rs. 9800
(b) Rs. 10000
(c) Rs. 10200
(d) Rs. 10400

Q9. The percentage of loss when a book is sold at Rs. 73 is the same as that of the profit when it is sold at Rs. 183. The percentage of profit or loss on the book when it is sold at Rs. 143 is.
(a) 11.15%
(b) 11.72%
(c) 11.36%
(d) $12\frac{2}{3}\%$

Q10. Jaikey bought an article with 30% discount on the labeled price. He sold the article with a 17 percent profit on the labeled price. What was his actual profit?
(a) 73.14%
(b) 67.14%
(c) 63.28%
(d) 65.56%

Q11. Ankit has 60 mangoes. He sells x of them at a profit of 23% and remaining at a loss of 17%. He gains 17% on the whole outlay. The value of x is-
(a) 34
(b) 39
(c) 51
(d) 45

Q12. A confectionery shopkeeper sold a toothpaste at a profit of 15.6%. If he had bought it at 13% less and sold it at 42% profit, he would have earned Rs. 674.9 more as profit. Cost price of the toothpaste is

(a) Rs. 7800
(b) Rs. 8500
(c) Rs. 7500
(d) Rs. 8800

Q13. Arun is a working partner and Pankaj is a sleeping partner in a business. Arun puts in Rs. 6500 and Pankaj puts in Rs. 4525. Arun receives 11.8% of the profit for managing the business and the rest is divided in proportion to their capitals. What does each get out of a profit of Rs. 5500?

(a) Rs. 3850 and Rs. 1650
(b) Rs. 3509 and Rs. 1991
(c) Rs. 3641 and Rs. 1859
(d) Rs. 2365 and Rs. 2135

Q14. S and T are partners in a business. S contributed $\frac{1}{3}$ of total the capital for 9 months and T received $\frac{2}{5}$ of the profits. For how long was T's money used in the business?

(a) 4 months
(b) 3 months
(c) 2 months
(d) 5 months

Q15. A sapphire stone was bought for Rs.2600 at Jaipur. A sum of Rs.2500 was spent on making a ring with the sapphire stone. It was marked for sale of Delhi for Rs. 9800. If a discount of 23% was given, then the percentage profit or loss made was:

(a) 47.56%
(b) 39.5%
(c) 47.96%
(d) 43.56%

Q16. A person bought 85 horses and sold 35 horses at 27% profit, 40 horses at 17% profit and remaining 10 horses at 13% profit and got a profit of Rs.12285 as a whole. The cost price of each Horse is:

(a) Rs.850
(b) Rs.700
(c) Rs.720
(d) Rs.800

Q17. Awani and Bimesh invest in a business in the ratio 5 : 4. If 10% of the total profit goes to charity and remaining profit share is calculated according to their investment and Awani's profit share is Rs. 7500, then the total profit is-
(a) Rs. 7500
(b) Rs. 10,000
(c) Rs. 12,000
(d) Rs. 15,000

Q18. A discount of 30% on the marked price of a toy reduces its price by Rs. 30. What is the new S.P. ?
(a) Rs. 70
(b) Rs. 21
(c) Rs. 130
(d) Rs. 100

Q19. A man invested Rs. 16000 for a year in the share market with Adani group. At the end of the year, he gained 30% and he invested the amount with profit again for the second year. At the end of the second year, he suffered a loss of 32%. Find the loss in the investment after two years.
(a) loss 1966
(b) Loss 1856
(c) Loss 1765
(d) Loss 1958

Q20. A T.V was sold at a profit of 5% If it had been sold at a profit of 10%, the profit would have been Rs. 1000 more. What is its cost price?
(a) Rs. 20000
(b) Rs. 5000
(c) Rs. 10000
(d) Rs. 15000

Q21. Priya marks her goods x% above the cost price and allows a discount of 22% on the marked price. If her profit is 10% then the value of x will be:
(a) 42.346
(b) 41.026
(c) 41.256
(d) None of these

Q22. If w is 32% more than x and y is 33% less than the sum of x and y, then by what percent will y be more than w
(a) 59.49%
(b) 52.26%
(c) 34.49%
(d) 53.81%

Q23. Shivali bought 167kg of Rajma. 35% of it was sold at 12% loss. At what percent gain should he sell the rest to lose 13% on the whole transaction? (correct to two decimal)
(a) 13.64
(b) 14.58
(c) 13.54
(d) 13.39

Q24. The number of employees in adda247 is 135, out of which 40% are males and the rest are females. The average score in Keka ranking of the males is 65% more than that of females. If the average score of all the employees is 87 then the average score of the females is:
(a) 71.01
(b) 69.05
(c) 65.01
(d) 67.77

Q25. The ratio of income of Rishi to that of Yashi is 8 : 11. Rishi and Yashi save Rs. 8000 and Rs. 9000 respectively. If the expenditure of Rishi is equal to 32% of the expenditure of Yashi, then total income of Rishi and Yashi is:
(a) 21714.28
(b) 22344.29
(c) 19949.29
(d) 21835.29