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| |  | | --- | | Questions:- 20 Duration:- 20 Min | |
| |  |  | | --- | --- | | 1) | An increase of 20% in the price of sugar forces a person to buy 5kgs less for Rs. 2000. What is original price of sugar per kg? | |  | |  |  | | --- | --- | | a) | Rs.80 | | b) | Rs.100 | | c) | Rs.120 | | d) | None |   . | |
| |  |  | | --- | --- | | 2) | The prices of vegetables got increased by 25%. By what percent should a household reduce their consumption in order to maintain the same expenditure? | |  | |  |  | | --- | --- | | a) | 25% | | b) | 20% | | c) | 15% | | d) | None |   . | |
| |  |  | | --- | --- | | 3) | The population of a town increases by 10% every year. If the population in the year 2010 is 80,000 then, what is the population of the town in 2012? | |  | |  |  | | --- | --- | | a) | 96000 | | b) | 96800 | | c) | 100000 | | d) | None |   . | |
| |  |  | | --- | --- | | 4) | In an Examination, a boy gets 29% of the maximum marks and fails by 18 marks and a girl gets 41% of the maximum marks and passes by 6 marks. Find the percentage of marks to pass? | |  | |  |  | | --- | --- | | a) | 35% | | b) | 36% | | c) | 38% | | d) | None |   . | |
| |  |  | | --- | --- | | 5) | The price of a smart phone is decreased by 10% there by its sales is increased by 20% what is the percentage change in the turnover for the shopkeeper? | |  | |  |  | | --- | --- | | a) | 7% increase | | b) | 7% decrease | | c) | 8% decrease | | d) | 8% increase |   . | |
| |  |  | | --- | --- | | 6) | Rajesh saves 20% of his income. If his income is increased by 20% and he increased his expenditure by 20%. By what percentage his savings is increased? | |  | |  |  | | --- | --- | | a) | 10% | | b) | 20% | | c) | 11.5% | | d) | None |   . | |
| |  |  | | --- | --- | | 7) | The population of a town increases by 20% every year. If the present population of the town is 72,000 then what was the population of the town 2 years ago? | |  | |  |  | | --- | --- | | a) | 50000 | | b) | 114000 | | c) | 150000 | | d) | None |   . | |
| |  |  | | --- | --- | | 8) | In a test of 80 questions, a girl answered 75% of the first 60 questions correctly. What % of the remaining questions she has to answer correctly so that she can secure an overall percentage of 80 in the test? | |  | |  |  | | --- | --- | | a) | 85% | | b) | 90% | | c) | 95% | | d) | None |   . | |
| |  |  | | --- | --- | | 9) | A and B are two fixed points 5 cm apart and C is a point on AB such that AC is 3cm. if the length of AC is increased by 6%, the length of CB is decreased by | |  | |  |  | | --- | --- | | a) | 6% | | b) | 7% | | c) | 8% | | d) | 9% |   . | |
| |  |  | | --- | --- | | 10) | Population of a town increase 2.5% annually but is decreased by 0.5 % every year due to migration. What will be the percentage increase in 2 years? | |  | |  |  | | --- | --- | | a) | 5 | | b) | 4.04 | | c) | 4 | | d) | 3.96 |   . | |
| |  |  | | --- | --- | | 11) | A sells an article to B at a profit of 25%. B sells it to C at profit of 20%. C sells it D at a loss of 50%. And D sells it to E at a gain of 33 1/3 %. If E has paid Rs. 2000 for it, then what is difference between the Cost Prices of B and D in Rupees? | |  | |  |  | | --- | --- | | a) | 2,500 | | b) | 1,500 | | c) | 1,000 | | d) | None |   . | |
| |  |  | | --- | --- | | 12) | A man sold an article at a 20% profit. If he sells it for 240 more then he would have gained 36%. What is the Cost Price of the article in Rupees? | |  | |  |  | | --- | --- | | a) | 2,400 | | b) | 2,000 | | c) | 1,500 | | d) | None |   . | |
| |  |  | | --- | --- | | 13) | A man sold an article at a loss of 5%. If he had bought it 10% less and sold it for Rs.78 more he would have had a profit of 20%. What is the cost price of the article? | |  | |  |  | | --- | --- | | a) | 600 | | b) | 800 | | c) | 900 | | d) | None |   . | |
| |  |  | | --- | --- | | 14) | By selling 45 lemons for Rs 40, a man loses 20 %. How many should he sell for Rs 24 to gain 20 % in the transaction? | |  | |  |  | | --- | --- | | a) | 76% | | b) | 40% | | c) | 39% | | d) | None |   . | |
| |  |  | | --- | --- | | 15) | A man is selling an article for Rs. 1200 after allowing a discount of 20%. What is the Marked Price of the article? | |  | |  |  | | --- | --- | | a) | 960 | | b) | 1440 | | c) | 1500 | | d) | None |   . | |
| |  |  | | --- | --- | | 16) | A man is selling two articles for Rs.10400. What is his overall gain% if he gains 30% on one and loses 20% on the other? | |  | |  |  | | --- | --- | | a) | 10% Loss | | b) | 10% Gain | | c) | No Loss, No Gain | | d) | None |   . | |
| |  |  | | --- | --- | | 17) | A dishonest seller says that he is losing 20% while selling the goods but he uses a false weight of 720 grams for every kilogram. What is his approximate gain or loss%? | |  | |  |  | | --- | --- | | a) | 11.11% | | b) | 12.22% | | c) | 13.33% | | d) | None |   . | |
| |  |  | | --- | --- | | 18) | A man is selling an article for Rs. 2400 by gaining 20%. What will be his actual gain/loss % if gives a discount of Rs. 200? | |  | |  |  | | --- | --- | | a) | 10% Loss | | b) | 10% Gain | | c) | No Loss, No Gain | | d) | None |   . | |
| |  |  | | --- | --- | | 19) | A seller buys 12 toys for Rs.100 and sells 10 toys for Rs.120. What is his profit %? | |  | |  |  | | --- | --- | | a) | 44% | | b) | 48% | | c) | 50% | | d) | None |   . | |
| |  |  | | --- | --- | | 20) | By selling an article a shopkeeper gets a Profit of 20%. Had he bought it for 20% less and sold it for Rs.72 less he would have still gained 20%. Find the Cost Price of the Article? | |  | |  |  | | --- | --- | | a) | Rs.300 | | b) | Rs.400 | | c) | Rs.500 | | d) | None |   . | |