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| |  |  | | --- | --- | | 1) | The length of a rectangle is increased by 60%. By what percent would the width have to be decreased to maintain the same area ? | |  | |  |  | | --- | --- | | a) | 37% | | b) | 60% | | c) | 75% | | d) | none of these |   . | |

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| |  |  | | --- | --- | | 2) | 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 |   . | |

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| |  |  | | --- | --- | | 3) | If A is 20% of C and B is 25% of C, then what percentage is A of B? | |  | |  |  | | --- | --- | | a) | 25% | | b) | 60% | | c) | 80% | | d) | 90% |   . | |

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| |  |  | | --- | --- | | 4) | Two numbers are respectively 32% and 20% less than a third number. What percent is the first of the second? | |  | |  |  | | --- | --- | | a) | 85% | | b) | 60% | | c) | 94% | | d) | 75% |   . | |

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| |  |  | | --- | --- | | 5) | If 200% of a number is 90. Then what is 80% of the number? | |  | |  |  | | --- | --- | | a) | 48 | | b) | 36 | | c) | 24 | | d) | None of these |   . | |

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| |  |  | | --- | --- | | 6) | On decreasing the price of a colour TV by 30%, its sale is increased by 20%. The effect on the revenue is: | |  | |  |  | | --- | --- | | a) | 16% decreased | | b) | 16% increase | | c) | 20% increase | | d) | None of these |   . | |

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| |  |  | | --- | --- | | 7) | If the rice of a commodity decreases by 25% find how much percent its consumption be increased so as to not to decrease the expenditure | |  | |  |  | | --- | --- | | a) | 16 2/3% | | b) | 20% | | c) | 33 1/3% | | d) | 50% |   . | |

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| |  |  | | --- | --- | | 8) | The population of a town is decreased by 25% and 40% in two successive years. What percent population is decreased after two years? | |  | |  |  | | --- | --- | | a) | 55% increase | | b) | 55% decrease | | c) | 35% increase | | d) | None of these |   . | |

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| |  |  | | --- | --- | | 9) | If the side of the square is increased by 20%, its area is increased by K%. Find the value of K | |  | |  |  | | --- | --- | | a) | 37% | | b) | 38% | | c) | 40% | | d) | 44% |   . | |

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| |  |  | | --- | --- | | 10) | The population of the town increases at the rate of 5% annually. If the present population is 4410, what it was 2 years ago? | |  | |  |  | | --- | --- | | a) | 6000 | | b) | 8000 | | c) | 4000 | | d) | 5600 |   . | |

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| |  |  | | --- | --- | | 11) | The value of a machine is Rs 6250. It decreases by 10% during the first year , 20% during the second year and 30% during the third year. What will be the value of the machine after 3 years? | |  | |  |  | | --- | --- | | a) | Rs 2650 | | b) | Rs 3050 | | c) | Rs 3150 | | d) | None |   . | |

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| |  |  | | --- | --- | | 12) | Ramesh looses 20% of his pocket money. After spending 25% of the remaining he has Rs 480 left, what was his pocket money? | |  | |  |  | | --- | --- | | a) | Rs 600 | | b) | Rs 800 | | c) | Rs 900 | | d) | None of these |   . | |

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| |  |  | | --- | --- | | 13) | Radha spends 40% of her salary on food, 20% on house rent, 10% on entertainment and 10% on cloths. If her savings at the end of the month are Rs 1500, then her salary(in Rs) per month is: | |  | |  |  | | --- | --- | | a) | 8000 | | b) | 7500 | | c) | 6000 | | d) | 10000 |   . | |

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| |  |  | | --- | --- | | 14) | If 20% of an electricity bill is deducted , then Rs 100 is still to be paid. How much was the original bill? | |  | |  |  | | --- | --- | | a) | Rs 110 | | b) | Rs 115 | | c) | Rs 120 | | d) | Rs 125 |   . | |

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| |  |  | | --- | --- | | 15) | If the price of an item goes up by 20% by what percentage should it be reduced to bring it down to the original price? | |  | |  |  | | --- | --- | | a) | 16 2/3% | | b) | 25% | | c) | 11 1/9% | | d) | 23% |   . | |