

Word Problems:

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Q.1.

Solution:

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|--|-----------|-----|
| a) No. of eggs produced by the poultry farm in the first year = | 18,52,640 | ① ① |
| b) No. of eggs produced by the poultry farm in the second year = | 19,25,439 | |
| c) No. of eggs produced by the poultry farm in the third year = | 20,05,419 | (+) |
| d) Total no. of eggs produced in the poultry farm = | 57,83,498 | Ans |
| e) Hence, the poultry farm produced 57,83,498 eggs in three years. | | |

Q.2.

Solution:

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|---|--------------|------|
| a) Tax collected in the first half year = | ₹8,03,06,754 | ① ①① |
| b) Tax collected in the second half year = | ₹1,59,85,630 | (+) |
| c) Total tax collection for the whole year = | ₹9,62,92,384 | |
| d) Hence, the total tax collection for the whole year is ₹9,62,92,384 | | |

Q.3.

Solution:

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|--|-----------|----------|-----|
| a) Population of city A = | 3,68,509 | ①② ②① ①② | Ans |
| b) Population of city B = | 48,57,329 | | |
| c) Population of city C = | 30,95,864 | (+) | |
| d) Total population of the three cities = | 83,21,702 | Ans | |
| e) Hence, the total population of the three cities is 83,21,702. | | | |

Q.4. Solution:

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|----|---|-------------------|
| a) | Length of cloth produced by the textile mill in year 2012 = | ①① ①② ①② |
| | | 56,95,834 m |
| b) | Length of cloth produced by the textile mill in year 2013 = | |
| | | 43,28,957 m |
| c) | Length of cloth produced by the textile mill in year 2014 = | |
| | | 32,50,219 m |
| | | (+) |
| d) | Total production in 3 years = | 1,32,75,010 m Ans |
| e) | Hence, the textile mill produced 1,32,75,010 m of cloth in 3 years. | |

Q.5. Solution:

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|----|---|---------------|
| a) | No. of tourists who visited Nainital in the first year = | ①① ① ①① |
| | | 4,32,694 |
| b) | No. of tourists who visited Nainital in the second year = | |
| | | 53,90,861 |
| c) | No. of tourists who visited Nainital in the third year = | |
| | | 6,35,418 |
| | | (+) |
| d) | Total no. of tourists who visited Nainital in those three years = | 64,58,973 Ans |
| e) | Hence, 64,58,973 tourists were visited Nainital in those 3 years. | |

Q.6. Solution:

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|----|--|-----------------|
| a) | The sales receipt of the company in the year 2014 = | ①① |
| | | ₹ 58,96,000 |
| b) | In the year 2015 it increased by | |
| | | = ₹ 2,90,503 |
| | | (+) |
| c) | The sales receipt of the company in the year 2015 = | ₹ 61,86,503 Ans |
| d) | Hence, in the year 2015, the sales receipt of the company was ₹ 61,86,503. | |

Q.7. Solution:

$$a) \text{ The difference between two numbers } = 68,39,507 \quad \textcircled{1}$$

$$b) \text{ The smaller number } = 25,340 \quad (+)$$

$$c) \text{ The greater number } = 68,64,847 \text{ Ans}$$

d) Hence, the greater number is 68,64,847.

Q.8. Solution:

$$a) \text{ No. of votes obtained by the first candidate } = 63,56,414 \quad \textcircled{1} \quad \textcircled{1} \quad \textcircled{1}$$

$$b) \text{ No. of votes obtained by the second candidate } = 29,05,626$$

$$c) \text{ No. of votes obtained by the third candidate } = 5,10,432 \quad (+)$$

$$d) \text{ Total no. of votes were cast for the three candidates } = 97,72,472 \text{ Ans}$$

e) Hence, in all, 97,72,472 votes were cast for the three candidates.