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| |  |  | | --- | --- | | 1) | The average of 10 numbers is 7. What will be the new average if each of the numbers is multiplied by 8? | |  | |  |  | | --- | --- | | a) | 45 | | b) | 52 | | c) | 56 | | d) | 55 |   . | |

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| |  |  | | --- | --- | | 2) | The daily maximum temperature in Delhi for 7 consecutive days in May 1988 were 42.7oC, 44.6oC,42.0oC,39.1oC,43.0oC,42.5oC and 38.5oC. Find the average daily maximum temperature. | |  | |  |  | | --- | --- | | a) | 42.63 degrees C | | b) | 45.65 degrees C | | c) | 41.77 degrees C | | d) | 39.60 degrees C |   . | |

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| |  |  | | --- | --- | | 3) | The average age of 5 members is 21 years. If the age of the youngest member be 5 years, find the average age of the family at the birth of the youngest member. | |  | |  |  | | --- | --- | | a) | 24 years | | b) | 25 years | | c) | 20 years | | d) | 28 years |   . | |

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| |  |  | | --- | --- | | 4) | Three years ago the average age of a family of 5 members was 27 years. On the addition of a child to the family, the present average age of the family is still 27 years. Find the present age of the child. | |  | |  |  | | --- | --- | | a) | 16 years | | b) | 12 years | | c) | 24 years | | d) | 20 years |   . | |

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| |  |  | | --- | --- | | 5) | The average weight of 10 students is increased by half a kg when one of the students weighing 50 kg is replaced by a new student. Find the weight of the new student. | |  | |  |  | | --- | --- | | a) | 55 kg | | b) | 60 kg | | c) | 45 kg | | d) | 40 kg |   . | |

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| |  |  | | --- | --- | | 6) | The mean marks of 10 boys in a class is 70% whereas the mean marks of 15 girls is 60%. The mean marks of all the 25 students is | |  | |  |  | | --- | --- | | a) | 64% | | b) | 60% | | c) | 55% | | d) | 52% |   . | |

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| |  |  | | --- | --- | | 7) | The average income of A for 15 days is Rs 70. The average for first five days is Rs 60 and that for the last nine days is Rs 80. The income for the sixth day is: | |  | |  |  | | --- | --- | | a) | Rs 80 | | b) | Rs 60 | | c) | Rs 40 | | d) | Rs 30 |   . | |

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| |  |  | | --- | --- | | 8) | The average of five consecutive even numbers starting with 4, is | |  | |  |  | | --- | --- | | a) | 6 | | b) | 7 | | c) | 8 | | d) | 7.5 |   . | |

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| |  |  | | --- | --- | | 9) | 3 years ago the average age of a family of 5 members was 17 years. With the birth of a new baby, the average remains the same even today. Find the age of the baby | |  | |  |  | | --- | --- | | a) | 1 year | | b) | 3 years | | c) | 2 1/2 years | | d) | 2 years |   . | |

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| |  |  | | --- | --- | | 10) | A batsman has a certain average of runs for 12 innings. In the 13 innings he scores 96 runs there-by increasing his average by 5 runs. What is his average after the 13 innings? | |  | |  |  | | --- | --- | | a) | 48 | | b) | 64 | | c) | 36 | | d) | 72 |   . | |

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| |  |  | | --- | --- | | 11) | The sum of three numbers is 98. If the ratio between first and second be 2:3 and that between second and third be 5:8, then the second number is | |  | |  |  | | --- | --- | | a) | 30 | | b) | 20 | | c) | 58 | | d) | 48 |   . | |

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| |  |  | | --- | --- | | 12) | The average weight of 8 sailors in a boat is increased by 1 kg, if one of them weighing 56 kg is replaced by a new sailor. The weight of the new sailor is | |  | |  |  | | --- | --- | | a) | 57 kg | | b) | 60 kg | | c) | 64 kg | | d) | 62 kg |   . | |

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| |  |  | | --- | --- | | 13) | The average age of A,B,C,D five years ago was 45 years. By including x, the present age of all the five is 49 years. The present age of x is | |  | |  |  | | --- | --- | | a) | 64 years | | b) | 48 years | | c) | 45 years | | d) | 40 years |   . | |

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| |  |  | | --- | --- | | 14) | It rained as much on wednesday , as on all the other days of the week combined. If the average rainfall for the whole week was 3 cm, how much did it rain on wednesday? | |  | |  |  | | --- | --- | | a) | 2.625 cm | | b) | 3 cm | | c) | 10.5 cm | | d) | 15 cm |   . | |

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| |  |  | | --- | --- | | 15) | The average age of 8 men is increased by 2 years. When two of them, whose ages are 20 years and 24 years respectively, are replaced by two women. What is the average age of these women? | |  | |  |  | | --- | --- | | a) | 36 years | | b) | 30 years | | c) | 40 years | | d) | 42 years |   . | |