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| |  |  | | --- | --- | | 1) | A work is done by three person A,B and C. A alone takes 10 hours to complete a single product but B and C working together takes 4 hours, for the completion of the same product. If all of them worked together and completed 14 products, then how many hours have they worked? | |  | |  |  | | --- | --- | | a) | 20 hrs | | b) | 28 hrs | | c) | 40 hrs | | d) | 54 hrs |   . | |

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| |  |  | | --- | --- | | 2) | A can finish a work in 18 days and b can do the same work in half the time taken by A. Then, working together, what part of the same work they can finish in day ? | |  | |  |  | | --- | --- | | a) | 1/6 | | b) | 1/9 | | c) | 2/5 | | d) | 2/7 |   . | |

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| |  |  | | --- | --- | | 3) | A, B and C can complete a piece of work in 24, 6 and 12 days respectively. Working together, they will complete the same work in : | |  | |  |  | | --- | --- | | a) | 1 / 24day | | b) | 7 / 24day | | c) | 3\*3 / 7 days | | d) | 4 days |   . | |

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| |  |  | | --- | --- | | 4) | A can lay railway track between two given stations in 16 days and B can do the same job in 12 days. with the help of C, they did job in 4 days only. Then, C alone can do the job in : | |  | |  |  | | --- | --- | | a) | 9 \* 1/ 5 days | | b) | 9\* 2/5 days | | c) | 9\* 3/5days | | d) | 10 days |   . | |

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| |  |  | | --- | --- | | 5) | A taking twice as much time as B or thrice as much time to finish a piece of work. Working together, they can finish the work in 2 days. B can work alone in : | |  | |  |  | | --- | --- | | a) | 4 days | | b) | 6 days | | c) | 8 days | | d) | 12 days |   . | |

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| |  |  | | --- | --- | | 6) | Ganga & Saraswathi working seperately can mow field in 8 and 12 hours respectively. If they work in stretches of one hour alternately. Ganga is beginning at 9 AM, when will the work be completed? | |  | |  |  | | --- | --- | | a) | 6 PM | | b) | 6.30 PM | | c) | 5 PM | | d) | 5.30 PM |   . | |

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| |  |  | | --- | --- | | 7) | A and B can do a work in 12 days, B and C in 15 days, C and A in 20 days. If A,B and C work together, they will complete the work in : | |  | |  |  | | --- | --- | | a) | 5 days | | b) | 7\*5/6days | | c) | 10 days | | d) | 15\*2/3 |   . | |

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| |  |  | | --- | --- | | 8) | A is thrice as good a workman as B and therefore is able to finish a job in 60 days less than B. working together, they can do it in : | |  | |  |  | | --- | --- | | a) | 20 days | | b) | 22\* ½ days | | c) | 25 days | | d) | 30 days |   . | |

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| |  |  | | --- | --- | | 9) | A and B can do a job together in 7 days. A is 1\*3/4 times as efficient as B. The same job can be done by A alone in : | |  | |  |  | | --- | --- | | a) | 9\*1/3 days | | b) | 11 days | | c) | 12\*1/4days | | d) | 16\*1/3days |   . | |

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| |  |  | | --- | --- | | 10) | Working 5 hours a day , A can complete a work in 8 days and working 6 hours a day, B can complete the same work in 10 days. Working 8 hours a day , they can jointly complete the work in | |  | |  |  | | --- | --- | | a) | 3 days | | b) | 4 days | | c) | 4.5 days | | d) | 5.4 days |   . | |

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| |  |  | | --- | --- | | 11) | A can complete a piece of work in 18 days, B in 20 days and C in 30 days. B & C together start the work and forced to leave after 2 days. The time taken by A alone to complete the remaining work is | |  | |  |  | | --- | --- | | a) | 10 days | | b) | 12 days | | c) | 15 days | | d) | 16 days |   . | |

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| |  |  | | --- | --- | | 12) | I can finish the work in 15 days working 8 hours a day. You can finish it in 6 2/3 days at 9 hours a day. Find in how many days we can finish it together if we work for 10 hours a day? | |  | |  |  | | --- | --- | | a) | 2 days | | b) | 3 days | | c) | 4 days | | d) | 5 days | | e) | None of these |   . | |

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| |  |  | | --- | --- | | 13) | A can complete a work in 10 days. B in 12 days and C in 15 days. all of them began the work together, but A had to leave the work after 2 days of the start and B , 3 days before the completion of the work. How long did the work last? | |  | |  |  | | --- | --- | | a) | 7 days | | b) | 8 days | | c) | 10 days | | d) | 12 days | | e) | None of these |   . | |

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| |  |  | | --- | --- | | 14) | A, B and C contract to do a work for Rs 6500. A can do the work in 10 days, B in 15 days, C in 20 days. If they work together to do the work what is the share of B? | |  | |  |  | | --- | --- | | a) | 2000 | | b) | 3000 | | c) | 1500 | | d) | 2500 | | e) | None of these |   . | |

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| |  |  | | --- | --- | | 15) | A and B contract to do a work together for Rs 300. A alone can do it in 8 days and B alone in 12 days. But with the help of C they finish it in 4 days. Find the share of C? | |  | |  |  | | --- | --- | | a) | Rs 30 | | b) | Rs 60 | | c) | Rs 100 | | d) | Rs 50 | | e) | None of these |   . | |

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| |  |  | | --- | --- | | 16) | A team of 30 men is supposed to do a work in 38 days. After 25 days, 5 more men were employed and the work was finished 1 day earlier. How many days would it have been delayed if 5 more men were not employed? | |  | |  |  | | --- | --- | | a) | 1 day | | b) | 2 days | | c) | 3 days | | d) | 4 days | | e) | None of these |   . | |

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| |  |  | | --- | --- | | 17) | 5 men can complete the work in 18 days. 8 women can complete the same work in 13.5 days. If 10 men and 4 women work together, in how many days work will be completed? | |  | |  |  | | --- | --- | | a) | 7 days | | b) | 6 3/4 days | | c) | 4 days | | d) | 12 1/2 days |   . | |

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| |  |  | | --- | --- | | 18) | 5 men or 4 women can do the work in 16 days. In how many days 15 men and 6 women complete the work? | |  | |  |  | | --- | --- | | a) | 4 5/9 days | | b) | 3 5/9 days | | c) | 6 1/2 days | | d) | 16 days |   . | |

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| |  |  | | --- | --- | | 19) | A is 20% more efficient than B. If B can do the work in 66 days, then A&B together can do it in how many days? | |  | |  |  | | --- | --- | | a) | 36 days | | b) | 55 days | | c) | 25 days | | d) | 30 days |   . | |

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| |  |  | | --- | --- | | 20) | A,B,C working alone can complete the work in 20,30,40 days respectively. All three have taken help of D and completed the work together in 5 days. If they received Rs 6000/- for total work, find the share of D? | |  | |  |  | | --- | --- | | a) | Rs 3250 | | b) | Rs 3000 | | c) | Rs 2750 | | d) | Rs 2250 |   . | |