Spardhaguru India Private Limited

Formula Method M1D1W1 = M2D2W2

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Vedic Mathematics

1) If 5 men or 7 women can earn Rs.5, 250 per day, how much would 7 men and 13 women earn per day ?
a) Rs.11, 600 b) Rs.11, 700
c) Rs.17, 100 d) Rs.16, 100

2) A, B and C together earn Rs.150 per day while A and C together earn Rs.94 and B and C together earn Rs.76. The daily earning of 'C' is
a) Rs.56 b) Rs.20
c) Rs.75 d) Rs.34

3) 2 men and 1 woman together can complete a piece of work in 14 days, while 4 women and 2 men together can do it in 8 days. If a man gets Rs.600 per day, how much should a woman get per day?
a) Rs.400 b) Rs.450
c) Rs.360 d) Rs.480

4) A and B undertook to do a piece of work for Rs.4500. A alone could do it in 8 days and B alone in 12 days. With the assistance of C they finished the work in 4 days. Then C's share of the money is
a) Rs.2250 b) Rs.1500
c) Rs.375 d) Rs.750

5) Two men undertook to do a job for Rs.1400. One of them can do it alone in 7 days, and the other in 8 days. With the assistance of a boy they together completed the work in 3 days. How much money will the boy get ?
a) Rs.300 b) Rs.325
c) Rs.250 d) Rs.275

6) A and B undertake a piece of work for Rs. 250. A alone can do that work in 5 days and B alone can do that work in 15 days. With the help of C, they finish the work in 3 days. If everyone gets paid in proportion to work done by them, the amount C will get is :
a) Rs.50 b) Rs.100
c) Rs.200 d) Rs.150

7) The average wage of 500 workers was found to be Rs.200. Later on, it was discovered that the wages of two workers were misread as 180 and 20 instead of 80 and 220. The correct average wage is :
a) Rs.200.10 b) Rs.200.20
c) Rs.201.00 d) Rs.200.50

8) A can do a work in 12 days while B can do it in 15 days. They undertake to complete it together for Rs.450. what will be the share of A in this amount of money ?
a) Rs.200 b) Rs.240
c) Rs.300 d) Rs.250

9) A, B and C can work together for Rs. 550. A and B together are to do $\frac{7}{11}$ of the work. The share of C should be
a) Rs.200 b) Rs.300
c) Rs.450 d) Rs.400

10) A, B and C are employed to do a piece of work for Rs.575. A and C are supposed to finish $\frac{19}{23}$ of the work together. Amount shall be paid to B is
a) Rs.210 b) Rs.100
c) Rs.475 d) Rs.200

11) Stanie and Paul take a piece of work for Rs.28, 800. One alone could do it in 36 days, the other in 48 days. With the assistance of an expert, they finish it in 12 days. How much remuneration the expert should get ?
a) Rs.10000 b) Rs.18000
c) Rs.12000 d) Rs.16000

12) A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs.3200. With the help of C they completed the work in 3 days. How much is to be paid to C ?
a) Rs.375 b) Rs.400
c) Rs.800 d) Rs.600

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13) A sum of money is sufficient to pay A' s wages for 21 days and B's wages for 28 days. The same money is sufficient to pay the wages of both for :

a) $12\frac{1}{4}$ days b) 14 days

c) 12 days d) $24\frac{1}{2}$ days

14) Suman can do a work in 3 days. Sumati can do the same work in 2 days. Both of them finish the work together and get Rs.150. What is the share of Suman ?

a) Rs.30 b) Rs.60

c) Rs.75 d) Rs.70

15) A and B can complete a piece of work in 15 days and 10 days respectively. They contracted to complete the work for Rs.30, 000. The share of A in the contracted money will be :

a) Rs.18, 000 b) Rs.16, 500

c) Rs.12, 000 d) Rs.12, 500

16) Two men undertake a job for Rs.960. They can complete it in 16 days and 24 days respectively. They work along with a third man and take 8 days to complete it. Then the share of the third man should be

a) Rs.155 b) Rs.165

c) Rs.150 d) Rs.160

17) A can do a piece of work in 12 days while B alone can do it in 15 days. With the help of C they can finish it in 5 days. If they are paid Rs.960 for the whole work how much money A gets ?

a) Rs.480 b) Rs.240

c) Rs.400 d) Rs.320

18) If 6 persons working 8 hours a day earn Rs.8400 per week, then 9 persons working 6 hours a day will earn per week

a) Rs.8400 b) Rs.16800

c) Rs.16200 d) Rs.9450

19) A skilled, a half skilled and an unskilled labourer work for 7, 8 and 10 days respectively and they together get Rs.369 for their work. If the ratio of their each day's work is $\frac{1}{3} : \frac{1}{4} : \frac{1}{6}$, then how much does the trained labourer get (in rupees) ?

a) 164 b) 102.50

c) 143.50 d) 201.50

20) A man and a boy received Rs.800 as wages for 5 days for the work they did together. The man's efficiency in the work was three times that of the boy. What are the daily wages of the boy ?

a) Rs.76 b) Rs.56

c) Rs.40 d) Rs.44

21) A certain factory employed 600 men and 400 women and the average wage was Rs.2.55 per day. If a women got 50 paise less than a man, the daily wages of a man and a woman were

a) Man Rs.2.75, Woman Rs.2.25

b) Man Rs.5.30, Woman Rs.2.50

c) Man Rs.3.25, Woman Rs.2.75

d) Man Rs.2.50, Woman Rs.2.00

22) A daily-wage labourer was engaged for a certain number of days for Rs.5, 750; but being absent on some of those days he was paid only Rs.5,000. What was his maximum possible daily wage?

a) Rs.125 b) Rs.250

c) Rs.500 d) Rs.375

23) A, B and C completed a work costing Rs.1,800. A worked for 6 days, B for 4 days and C for 9 days. If their daily wages are in the ratio of 5 : 6 : 4, how much amount will be received by A?

a) Rs.800 b) Rs.600

c) Rs.750 d) Rs.900

24) If there is a reduction in the number of workers in a factory in the ratio 15 : 11 and an increment in their

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wages in the ratio 22 : 25, then the ratio by which the total wages of the workers should be decreased is

a) 6 : 5 b) 5 : 6
c) 3 :5 d) 3 : 7

25) A and B were assigned to do a job for an amount of Rs.1, 200. A alone can do it in 15 days, while B can do it in 12 days. With the help of C, they can finish in 5 days. The share of amount that C earns is

a) Rs.300 b) Rs.400
c) Rs.600 d) Rs.500

26) Three persons undertake to complete a piece of work for Rs.1, 200. The first person can complete the work in 8 days, second person in 12 days and third person in 16 days. They complete the work with the help of a fourth person in 3 days. What does the fourth person get?

a) Rs.180 b) Rs.200
c) Rs.250 d) Rs.225

27) A labourer was appointed by a contractor on the condition that he would be paid Rs.75 for each day of his work but would be fined at the rate of Rs.15 per day for his absence, apart from losing his wages, After 20 days, the contractor paid the labourer Rs.1140. The number of days the labourer abstained from work was

a) 3 b) 5
c) 2 d) 4

28) 2 men and 1 woman can complete a piece of work in 14 days while 4 women and 2 men can do the same work in 8 days. If a man gets Rs. 180 per day, then a woman will get per day

a) Rs.150 b) Rs.140
c) Rs.160 d) Rs.120

29) If a man earns Rs.2000 for his first 50 hours of work in a week and is then paid one and a half times his regular hourly rate for any additional hours, then the hours must he work to make Rs.2300 in a week is

a) 6 hours b) 4 hours
c) 5 hours d) 7 hours

30) The daily wages of A and B respectively are Rs.3.50 and Rs.2.50. When A finishes a certain work, he gets a total wage of Rs.63. When B does the same work, he gets a total wage of Rs.75. If both of them do it together what is the cost of the work ?

a) Rs.67.50 b) Rs.27.50
c) Rs.70.50 d) Rs.60.50

31) A can do a piece of work in 16 days and B in 24 days. They take the help of C and three together finish the work in 6 days. If the total remuneration for the work is Rs.400. The amount (in rupees) each will receive, in proportion, to do the work is

a) A : 150, B : 100, C : 150
b) A : 100, B : 150, C : 150
c) A : 100, B : 150, C : 100
d) A : 150, B : 150, C : 100

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