sparadhaguru2022   Spardhaguru Current affairs   Spardhaguru1

SpardhaGuru   Spardha.guru   www.spardha.guru

Vedic Mathematics

1) A labourer was appointed by a contractor on the condition that he would be paid Rs. 225 for each day of his work but would be fined Rs. 45 for the day of his absence. After 26 days, contractor paid the labourer Rs. 3960, then for how many days he worked?

a) 19   b) 14
c) 16   d) 12

2) Vansh and Tarushi can do a piece of work in 24 days and 40 days respectively. They started the work, after 8 days Shubham, who can complete the same work in 20 days joined them. In how much days can they complete the whole work?

a) 12 days   b) 15 days
c) 16 days   d) 20 days

3) A and B working alone can do a work in 40 days and 30 days respectively. They started the work together but B left after sometime and A finished remaining work in 5 days. Find after how many days from start B left the work?

a) 15 days   b) 14 days
c) 16 days   d) 12 days

4) 18 boys and 24 girls can complete a piece of work in 16 days. All of them started working together but after 12 working days, all girls and 6 boys stopped working. 12 boys complete the remaining work in 9 days. How many days will it take to complete the entire job if only 24 girls have to complete the job?

a) 48 days   b) 24 days
c) 32 days   d) 40 days

5) If Arif can read 39 pages of a book in half an hour. How long will It take her to finish a book that is 1287 pages?

a) 16 Hours   b) 16.5 Hours
c) 17 Hours   d) 15.5 Hours

6) P and Q can complete a work in 15 days and 10 days respectively. They started the work together and then Q left after 2 days. P alone completed the remaining work. The work was finished in_____days.

a) 12   b) 15
c) 22   d) 20

7) A and B can finish a work 30 days if they work together. They worked together for 20 days and then B left. A finished the remaining work in another 20 days. In how many days A alone can finish the work?

a) 70   b) 50
c) 40   d) 60

8) A and B can together complete a piece of work in 4 days. If A alone can complete the same work in 12 days, in how many days can B alone complete that work ?

a) 4 days   b) 5 days

c) 6 days   d) 7 days

9) A can do a piece of work in 4 hours . A and C together can do it in just 2 hours, while B and C together need 3 hours to finish the same work. In how many hours B can complete the work ?
a) 10 hours   b) 12 hours
c) 16 hours   d) 18 hours

10)   4 men and 6 women finish a job in 8 days, while 3 men and 7 women finish it in 10 days. In how many days will 10 women working together finish it ?
a) 30 days   b) 40 days
c) 50 days   d) 60 days

11) A piece of work can be done by 6 men and 5 women in 6 days or 3 men and 4 women in 10 days. It can be done by 9 men and 15 women in how many days ?
a) 3 days   b) 4 days
c) 5 days   d) 6 days

12) 5 men and 2 boys working together can do four times as much work as a man and a boy. Working capacity of man and boy is in the ratio
a) 1:2   b) 1:3
c) 2:1   d) 2:3

13) A is thrice as good as B in work. A is able to finish a job in 60 days less than B.

They can finish the work in_____days if they work together.
a) 18 days   b) 22 ½ days
c) 24 days   d) 26 days

14) Two taps X and Y can fill a tank in 10 hrs. and 15 hrs.respectively. If the both taps are opened together, the tank will be full in_____?
a) 3 hrs.   b) 4 hrs,
c) 5 hrs.   d) 6 hrs.

15) 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) 10 Rs,   b) 15 Rs,
c) 20 Rs.   d) 25 Rs.

16)   If 3 men or 4 women can construct a wall in 43 days, then the number of days that 7 men and 5 women take to construct it is :
a) 12 days   b) 14 days
c) 16 days   d) 18 days

17) If 6 men can make 10 sofas in 2 days, then 8 men can make 8 sofas in_____?
a) 1.8 days   b) 1.5 days
c) 1.2 days   d) 1 day
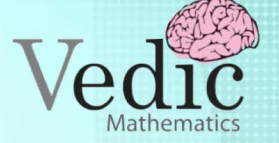
18) If 10 workers can make 10 tables in 10 days, then how many days would it take for 5 workers to make 5 tables?

a) 1   b) 5
c) 10   d) 25

19) If 6 men take 9 days to complete a work, how many men can complete the work in 3 days?

a) 2 men   b) 12 men
c) 9 men   d) 18 men

20) Assume that 20 cows and 40 goats can be kept for 10 days for Rs.460. If the cost of keeping 5 goats is the same as the cost of keeping 1 cow, what will be the cost for keeping 50 cows and 30 goats for 12 days?

a) Rs.1104   b) Rs.1000
c) Rs.934   d) Rs.1210

21) P takes twice as much time as Q or thrice as much time as R to finish a piece of work. They can finish the work in 2 days if work together. How much time will Q take to do the work alone?

a) 7   b) 8
c) 9   d) 6

22) If 28 men can finish a work in 15 days, 21 men can finish the same work in_____?

a) 24 days   b) 14 days
c) 15 days   d) 20 days

23) C takes 6 days to complete half of a work and D takes 5 days to complete 1/3rd of the same work. They take turns to complete the task. If C works for the first 4 days, in how many days will D complete the rest of the work without the help of C?

a) 10 days   b) 12 days
c) 8 days   d) 9 days

24) P,Q and R together earn Rs.1620 in 9 days. P and R can earn Rs.600 in 5 days. Q and R in 7 days can earn Rs.910. How much amount does R can earn per day?

a) Rs.40   b) Rs.70
c) Rs.90   d) Rs.100

25) P and Q can complete a work in 20 days and 12 days respectively. P alone started the work and Q joined him after 4 days till the completion of the work. How long did the work last?

a) 5 days   b) 10 days
c) 15 days   d) 12 days

26) P can finish a work in 18 days. Q can finish the same work in 15 days. Q worked for 10 days and left the job. how many days does P alone need to finish the remaining work?

a) 8   b) 6
c) 4   d) 2

27) P can lay railway track between two stations in 16 days. Q can do the same job in 12 days. With the help of R, they completes the job in 4 days. How much days does it take for R alone to complete the work?

a) 9(3/5) days   b) 9(1/5) days
c) 9(2/5) days   d) 10 days

28) Efficiency of Rashid and Danish are in the ratio 5:8. If Danish takes 51 days less than Rashid to complete the work, find the time taken by Rashid to complete the work.

a) 85 days   b) 126 days
c) 118 days   d) 136 days

29) If 12 men work 8 hours a day to complete a work in 10 days, how many men working 12 hours a day can complete the work in 5 days?

a) 16   b) 4
c) 12   d) 8

30) Mansoor-Ul-Haque and Aaqib are working on a special assignment. Mansoor-Ul-Haque needs 6 hours to type 32 pages on a computer and Aaqib needs 5 hours to type 40 pages. If both of them work together on two different computers, how much time is needed to type an assignment of 110 pages?

a) 7 hour 15 minutes
b) 7 hour 30 minutes

c) 8 hour 15 minutes
d) 8 hour 30 minutes

31) Machine P can print one lakh books in 8 hours. Machine Q can print the same number of books in 10 hours while machine R can print the same in 12 hours. All the machines started printing at 9 A.M. Machine P is stopped at 11 A.M. and the remaining two machines complete work. Approximately at what time will the printing of one lakh books be completed?

a) 3 pm   b) 2 pm
c) 1:00 pm   d) 11 am

32) P is able to do a piece of work in 15 days and Q can do the same work in 20 days. If they can work together for 4 days, what is the fraction of work left?

a) 8/15   b) 7/15
c) 11/15   d) 2/11

33) A and B can together do a piece of work in 15 days. B alone can do it in 20 days. In how many days can A alone do it ?

a) 40 days   b) 50 days
c) 60 days   d) 70 days

34) Farjan and Kashif can complete a task in 30 days. Farjan leaves after 20 days and Kashif alone completes it in another 25 days. How many days does Farjan alone take to complete the entire task?

a) 50   b) 75

c) 60   d) 45

35) Jameel can complete a task in 15 hours and Nasir can complete the same task in 12 hours. Jameel starts the task at 9:00 am and stops working at 2:00pm. Nasir starts working on the task at 4:00 pm. At what time is the task completed?

a) 12:00 pm   b) 2:00 am

c) 12:00 am   d) 10:00 pm

36) P can do a work in 24 days. Q can do the same work in 9 days and R can do the same in 12 days. Q and R start the work and leave after 3 days. P finishes the remaining work in_____days.

a) 10   b) 9

c) 11   d) 12

37) Kamal will complete work in 20 days. If Suresh is 25% more efficient than Kamal, he can complete the work in_____days.

a) 14   b) 16

c) 15   d) 11

38) A completes 80% of a work in 20 days. Then B also joins and A and B together finish the remaining work in 3 days. How long does it need for B if he alone completes the work?

a) 37 ½ days   b) 22 days

c) 31 days   d) 23 days

39) 12 buckets of water fill a tank when the capacity of each bucket is 13.5 litres. How many buckets will be needed to fill the same tank, if the capacity of each bucket is 9 litres?

a) 14   b) 15

c) 16   d) 18

40) Running at the same constant rate, 6 identical machines can produce a total of 270 bottles per minute. At this rate, how many bottles could 10 such machines produce in 4 minutes?

a) 2700   b) 1080

c) 450   d) 1800