Practice Paper-Time and work

1.Raju can do 25% of a piece of work in 5 days. How many days will he take to complete the work ten times?
a.150 days   b.250 days   c.200 days   d.180 days

2. A can do a piece of work in 20 days and B can do it in 15 days. How long will they take if both work together?
a.8(6/7) days   b.8(4/7)days   c.9(3/7) days   d.9(4/7)days

3. In question 3 if C, who can finish the same work in 25 days, joins them, then how long will they take to complete the work?
a.6(18/47)days b.12 days   c.2(8/11)days   d.47(6/18)days

4.Baba alone can do a piece of work in 10 days. Anshu alone can do it in 15 days. If the total wages for the work is Rs.50. how much should baba be paid if they work together for the entire duration of the work?
a)Rs 30   b.Rs 20   c.Rs 50   d.Rs 40

5.4 men and 3 women finish a job in 6 days, and 5 men and 7 women can do the same job in 4 days. How long will I man and 1 women take to do the work?
a.22(2/7)days   b.25(1/2)days   c.5(1/7)days   d.12(7/22)days

6.Raju can do a piece of work in 10 days, vicky in 12 days and tinku in 15 days. They all start the work together, but Raju leaves after 2 days and Vicky leaves 3 days before the work is completed. In how many days is the work completed?
a.5 days   b.6 days   c.7 days   d.8 days

7.Sambhu can do ½ of the work in 8 days while Kalu can do 1/3 of the work in 6 days. How long will it take for both of them to finish the work?
a.88/17 days   b.144/17 days   c.72/17 days   d.8 days

8.Manoj takes twice as much time as Anjay and thrice as much as Vijay to finish a piece of work. Together they finish the work in 1 day. What is the time taken to manoj to finish the work?
a.6 days   b.3 days   c.2 days   d.4 days

9.An engineer undertakes a project to build a road 15 km long in 300 days and employs 45 men for the purpose. After 100 days, he finds only 2.5 km of the road has been completed. Find the (apprx) number of extra men he must employ to finish the work in time.
a.43   b.45   c.55   d.68

10.In a company XYZ Ltd. A certain number of engineers can develop a design in 40 days. If there were 5 more engineers, it could be finished in 10 days less.How many engineers were there in the beginning?
a.18   b.20   c.25   d.15

11.Ajay and Vijay undertake to do a piece of work for Rs 200. Ajay alone can do it in 24 days while Vijay alone can do it in 30 days. With the help of Pradeep they finish the work in 12 days.how much should Pradeep get for his work?
a.Rs 20   b.RS 100   c.Rs 180   d.Rs 50

12.In a fort there was sufficient food for 200 soldiers for 31 days.After 27 days 120 soldiers left the fort. For how many extra days will the rest of the fort last for the remaining soldiers?
a.12 days   b.10 days   c.8 days   d.6 days

13.Ashok and Mohan can do a piece of work in 12 days.Mohan and Binod together do it in 15 days. If Ashok is twice as good a workman as Binod. In how much time will Mohan alone can do the work?
a.15 days   b.20 days   c.25 days   d.35 days

14.A can do a work in 18 days, B in 9 days and C in 6 days. A and B start working together and after 2 days C join them. In how many days will the job be completed?

a.4.33 days   b.4 days   c.4.66 days   d.5 days

15.24 men working in 8 h a day can finish a work in 10 days. Working at a rate of 10 h a day, the number of men required to finish the work in 6 days is

a.30   b.32   c.34   d.36

16.A certain job was assigned to a group of men to do it in 20 days. But 12 men did not turn up for the job and the remining men did the job in 32 days. The original number of men in group was

a.32   b.34   c.36   d.40

17.Abbot can do some work in 10 days, Bill can do it in 20 days can Clinton can do it in 40 days. They start working in turns with Abbot starting to work on the first day followed by Bill on the second day and by Clinton on the third day and again by Abbot on the fourth day and so on till the work is completed fully, find the time taken to complete the work fully?

a.16 days   b.15 days   c.17 days   d.16.5 days

18.A,B and C can do some work in 36 days. A and B together do twice as much work as c alone and A and C together can do thrice as much work as B alone. Find the time taken by C to do the whole work.

a.72 days   b.96 days   c.108 days   d.120 days

19.36 men take 18 days to complete a piece of work. They worked for a period of 8 days. After that, they were joined by 4 more men. How many more days will be taken by them to complete the remaining work?

a.8   b.9   c.10   d.none of these

20.A 50x35 m fishing pond was dug by 250 workers in 18 days. The number of days in which a 70 mx40 m pond having the same depth can be dug by 300 workers is?

a.20   b.22   c.24   d.none of these

21.5 women can paint a building in 30 working hours, After 16 hours of work, 2 women decided to leave. How many hours will it take for the work to be finished?

a.39.33   b.30.44   c.38.43   d.none of these

22.In a garrison, there was food for 1000 soldiers for one month. After 10 days, 1000 more soldiers joined the garrison. How many days would the soldiers be able to carry on with the remaining food?

a.12   b.10   c.20   d.15

23.According to a plan, a drilling team had to drill to a depth of 270 metres below the ground level. For the first three days the team drilled as per the plan. However, subsequently finding that their resources were getting underutilized according to the plan, it started to drill 8 metres more than the plan every day. Therefore, a day before the planned date they had drilled to a depth of 280 metres. How many metres of drilling was the plan for each day.

a.38 metres   b.30 metres   c.27 metres   d.28 metres

24. Dev and Tukku can do a piece of work in 45 and 40 days respectively. They began the work together, but Dev leaves after some days and Tukku finished the remaining work in 23 days. After how many days did Deve leave

a.7 days   b.8 days   c.9 days   d.11 days

25.A finishes $6/7^{th}$ of the work in 2z hrs, B works twice as fast and finishes the remaining work. For how long did B work?

a.(2/3)z   b.(6/7)z   c.(6/49)z   d.(3/18)z

26.Ajit can do as much work in 2 days as Baljit can do in 3 days and Baljit can do as much in 4 days as Diljit in 5 days. A piece of work takes 20 days if all work together. How long would Baljit take to do all the work by himself?

a.82 days   b.44 days   c.66 days   d.50 days

27.X takes 4 days to complete one-third of a job, Y takes 3 days to complete one-sixth of the same work and Z takes 5 days to complete half the job. If all of them work together for 3 days and X and Z quit, how long will it take for Y to complete the remaining work done.

a.6 days   b.8.1 days   c.5.1 days   d.7 days

28.A completes 2/3 of a certain job in 6 days. B can complete 1/3 of the same job in 8 days and C can complete ¾ of the work in 12 days. All of them work together for 4 days and then A and C quit. How long will it take for B to complete the remaining work alone?

a.3.8 days   b.3.33 days   c.2.22 days   d.4.3 days

29.Three diggers dug a ditch of 324 m deep in six days working simultaneously. During one shift, the third diggers digs as many metres more than the second as the second digs more than the first. The third digger's work in 10 days is equal to the first digger's work in 14 days.How many metres does the first digger dig per shift?

a.15 m   b.18 m   c.21 m   d.27 m

30.A and B completed a work together in 5 days. Had A worked at twice the speed and B at half the speed it would have taken them four days to complete the job. How much time would it take for A alone to do the work?

a.10 days   b.20 days   c.25 days   d.15 days

31.Two typists of varying skills can do a job in 6 minutes if they work together. If the first typist typed alone for 4 minutes and then the second typist types alone for 6 minutes, they would be left with 1/5 of the whole work. How many minutes would it take the slower typist to complete the typing job working alone?

a.10 min   b.15 min   c.12 min   d.20 min

32.Three cooks have to make 80 idlis. They are knows to make 20 pieces every min working together. The first cook began working alone and made 20 pieces having worked for sometime more than three mins. The remaining part of the work was done by the second and the third cook working together. It took a total of 8 mins to complete the 80 idlis.How many mins would it take the first cook alone to cook 160 idlis for a marriage party the next day?

a.16 mins   b.24 mins   c.32 min   d.40 mins

33.It takes six days for three women and two men working do the same work five days sooner then nine women, How many times does the output of a man exceed that of a woman?

a.3 times   b.4 times   c.5 times   d.6 times

34.Each of A,B and C need a certain unique time to do a certain work. C needs 1 hour less than A to complete the work. Working together, they require 30 mins to complete 50% of the job. The work also gets completed if A and B start working together and A leaves after 1 hour and B works for a further 3 hours. How much work does C do per hour?

a.16.66%   b.33.33%   c.50%   d.66.66%

35.Two women Renu and Ushi are working on an embroidery design. If Ushi worked alone, she would need eight hours more to complete the design than if they both worked together. Now if Renu worked alone, it would need 4.5 hours more to complete the design than they both working together. What time would it take Renu alone to complete the design?

a.10.5 hrs   b.12.5 hrs   c.14.5 hrs   d.18.5 hrs

36.Two men and women are entrusted with a task. The second man needs three hours more to cope with the job than the first man and the woman would need working together. The first man, working alone, would need as much time as the second man and the woman working together. The first man, working alone, would spend eight hours less than the double period of time the second man would spend working alone. How much time would the two men and the woman need to complete the task if they all worked together?

a.2 hrs   b.3 hrs   c.4 hrs   d. 5 hrs

37.A can do a piece of work in 20 days. He works at it for 5 days and then B finishes it in 10 more days. In how many days will A and B together finish the work?

a.8 days   b.10 days   c.12 days   d.6 days

38.Twenty workers can finish a piece of work in 30 days. After how many days should 5 workers leave the job so that the work is completed in 35 days?

a.5 days   b.10 days   c.15 days   d.20 days

39.Arun and Vinay together can do a piece of work in 7 days. If Arun does twice as much work as Vinay in a given time, how long will Arun alone take to do the work.

a.6.33 days   b.10.5 days   c.11 days   d. 72 days

40.X number of men can finish a piece of work in 30 days. If there were 6 men more, the work could be finished in 10 days less. What is the original number of men?

a.10   b.11   c.12   d.15

Answer:

1-10	c	b	a	a	a	c	b	a	d	d
11-20	a	d	b	b	b	a	d	c	b	c
21-30	a	b	b	c	d	c	c	b	a	a
31-40	b	c	d	c	a	a	a	c	b	c