1. If 25 machines can fill up 30 containers in 12 hours. How many machines will be needed to fill up 80 containers in 16hrs?
   (1) 50   (2) 40   (3) 60   (4) 80

2. Two pipes can fill up a tank in 30 minutes and 40 minutes respectively and another pipe can empty the full tank in 20 minutes. If all the pipes are opened when the tank is half full, then the time required to fill the tank will be?
   (1) 1hr   (2) 2hrs   (3) 3hrs   (4) 2hrs and 30 min

3. A tap fills a tank in 12 hours and the other empties it in 24 hours. If both are opened simultaneously, then the tank will be filled in?
   (1) 42hrs   (2) 20hrs   (3) 24hrs   (4) 22hrs

4. Suresh can complete a job in 15 hours. Ashutosh alone can complete the same job in 10 hours. Suresh works for 9 hours and then the remaining job is completed by Ashutosh. How many hours will it take Ashutosh to complete the remaining job alone?
   (1) 4   (2) 5   (3) 6   (4) 12

5. A and B 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
   (1) ₹18,000 (2) ₹16,500 (3) ₹12,500 (4) ₹12,000

6. 10 men and 15 women finish a work in 6 days. One man alone finishes that work in 100days. In how many days will women finish the work?
   (1) 125days   (2) 150days
   (3) 90days   (4) 225days

7. 10 men can complete a piece of work in 15 days and 15 women can complete the same work in 12 days. If all the 10 men and 15 women work together, in how many days will the work get completed?

   (1) 6   (2) $7\frac{2}{3}$ (3) $6\frac{2}{3}$ (4) $6\frac{1}{3}$

8. If 4 workers can make 42 toys in 6 days, how many toys can 12 workers make in 3 days?
   (1) 63   (2) 28   (3) 252   (4) 7

9. 6 men or 10 boys can do a piece of work in 15 days. How long would it take for 12 men and 5 boys to do the same piece of work?
   (1) 6days (2) 5days   (3) 4days   (4) D.I

10. 16 men can complete a work in 15 days. 24 children can do the same work in 24 days. In how many days will 8 men and 8 children together complete the same work?
    (1) 16   (2) 15   (3) 25   (4) none

11. 24 boys can do a work in 16 days. 32 men can do the same work in 6 days. What is the ratio between the capacity of a boy and a man?
    (1) 2 : 1   (2) 1 : 3   (3) 1 : 4   (4) None

12. 12 men complete a work in 18 days. Six days after they had started working, 4 men joined them. How many days will all of them take to complete the remaining work?
    (1) 10days   (2) 12days   (3) 15days   (4) 9days

13. If 12 carpenters working 6 hours a day can make 460 chairs in 24 days, how many chairs will 18 carpenters working 8 hours a day make in 36 days?
    (1) 1320   (2) 1260 (3) 920   (4) 1380

14. 30 men can do a job in 32 days and 40 boys in 36 days. What is the ratio between the capacities of a man and a boy?
    (1) 3 : 2   (2) 2 : 3   (3) 3 : 4   (4) 4 : 5

15. A works twice as fast as B. if B can complete a work in 12 days independently, the number of days in which A and B can together finish the work is?
    (1) 18days (2) 8days   (3) 6days   (4) 4days

16. A is thrice as fast as B, and is therefore able to finish a work in 60 days less than B. Find the time in which they can do it working together?
    (1) 30   (2) 50   (3) 22.5   (4) 45

17. A is twice as good a work man a B and together they finish a piece of work in 14 days. The number of days taken by A alone to finish the work is
    (1) 20   (2) 25   (3) 30   (4) 21

18. A and B can do a job in 15 days and 20 days respectively. They start the work together and 6 days before the completion of the work A leaves. In how many days is the total work finished?
    (1) 6   (2) 10   (3) 12   (4) 16

19. A, B and c can do work in 5 days, 10 days and 15 days respectively. They started together to do the work but after 2 days A and B left. The remaining work was done by C (in days)
    (1) 1   (2) 3   (3) 5   (4) 4

20. 8 men and 20 women can do a job in 10 days. 5 men and 8 women can do it in 20 days. In how many days can 12 men and 6 women do it?
    (1) 15   (2) 10   (3) 12   (4) 15

21. A farmer can plough a field working 6 hours per day in 18 days. The worker has to work how many hours per day to finish the same work in 12 days.
    (1) 7hrs   (2) 9hrs   (3) 11hrs   (4) 9hrs

22. A man and a woman working together can do a certain work is 18 days. Their skills in doing the work are in the ratio 3 : 2. How many days will the woman take to finish the work alone?
    (1) 45days (2) 36days (3) 27days (4) 30days

23. A can do a work in 12 days. When he had worked for 3 days, B joined him. If they complete the work in 3 more days, in how many days can B alone finish the work?
    (1) 6days   (2) 12days   (3)4days   (4) 8days

24. 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
    (1) 3days (2) 4days (3) 4.5days (4) 5.4days

25. 12 persons can do a piece of work in 4 days. How many persons are required to complete 8 times the work in half the time?
    (1) 192   (2) 190   (3) 180   (4) 144

TIME & WORK KEY SHEET

No.	Ans	No.	Ans
1	1	14	1
2	2	15	4
3	3	16	3
4	1	17	4
5	4	18	3
6	4	19	4
7	3	20	3
8	1	21	2
9	1	22	1
10	4	23	1
11	4	24	1
12	4	25	1
13	4		

TIME & WORK KEY SHEET

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1	1	14	1
2	2	15	4
3	3	16	3
4	1	17	4
5	4	18	3
6	4	19	4
7	3	20	3
8	1	21	2
9	1	22	1
10	4	23	1
11	4	24	1
12	4	25	1
13	4		

TIME & WORK KEY SHEET

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1	1	14	1
2	2	15	4
3	3	16	3
4	1	17	4
5	4	18	3
6	4	19	4
7	3	20	3
8	1	21	2
9	1	22	1
10	4	23	1
11	4	24	1
12	4	25	1
13	4		

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1	1	14	1
2	2	15	4
3	3	16	3
4	1	17	4
5	4	18	3
6	4	19	4
7	3	20	3
8	1	21	2
9	1	22	1
10	4	23	1
11	4	24	1
12	4	25	1
13	4		

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3	3	16	3
4	1	17	4
5	4	18	3
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9	1	22	1
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11	4	24	1
12	4	25	1
13	4		

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11	4	24	1
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13	4		

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10	4	23	1
11	4	24	1
12	4	25	1
13	4		

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13	4		

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12	4	25	1
13	4		

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7	3	20	3
8	1	21	2
9	1	22	1
10	4	23	1
11	4	24	1
12	4	25	1
13	4		