Class7 Chapter Time and work Test paper-1

1. A can do piece of work in 30 days while B alone can do it in 40 days. In how many days can A and B working together do it? [Ans: $17\frac{1}{7}$]

2. A and B together can complete a piece of work in 35 days while A alone can complete the same work in 60 days. B alone will be able to complete the same working in ans 84 days

3. A can do a piece of work in 7days of 9 horse each and B can do it in 6 days of 7 hours each. How long will they take to do it, working together $8\frac{2}{5}$ hours a day ? [Ans 3 days]

4. A can do a piece of work in 15 days and B alone can do it in 10 days. B works at it for 5 days and them leaves. In how many days A alone can finish the remaining work . { ans: $7\frac{1}{2}$ days}

5. A can do $\frac{1}{3}$ of the work in 5 days and B can do $\frac{2}{5}$ of the work in 10 days. Iin how many days both A and B together can do the wrok [ans $9\frac{3}{8}$]

6. A can do a piece of work in 80 days. He works at it for 10 days and then B alone finished the remaining work in 42 days. The two together could complete the work in : {ans 30 days}

7. A and B can together finish a work in 30 days. They worked at it for 20 days and then B left. The remaining work was done by A alone in 20 more days A alone can finish the work in {ans : 60 days}

8. A and B can do a piece of work in 45 days and 40 days respectively. They began to go the work together but A leaves after some days and than B completed the reaminnig work in 23 days. The number o days after which A left the work was [ans: 9]

9. A does half as much work as B in three fourth of the time. If together they take 18 days to complete the work, how much time shall B take to do it ?   [ans 30 days]

10.A can do a certain job in 12 days. B is 60% more efficient than A . The number of days, it takes B to do the same piece of work is [ans 7 ½]

11. A can do a certain job in 25 days which B alone can do in 20 days. A stared the work and was joined by B after 10 days. The number days taken in completing the work was [ans 16 2/3]

12. A is twice as good a work man as B and together they finish a piece of work in 14 days The number of days taken by A alone to finish the work. [Ans: 21 days]

13. A is thrice as good a workman as B and takes 10 days less to do a piece of work than B takes.B alone can do the while work work in : [ans 15 days]

14. A can do a piece work in 14 days which B can do in 21 days. They being together but 3 days the completion of the work. A leaves of the total number of days to complete the work is [ans 10 1/5]

15. If Ramesh, suresh and harish can do a piece of work in 15 days, 10 days and 6 days resp. How long will they take to do it, if all the three work it together? [ans 3 days}

16. A and B can do a piece of working 72 days: B and C and do it in 120 days ; A and C can do it in 90 days. In what days can A alone do it ? [ans 120 days]

17. A and B and C together can finish a piece of work in 4 days, A alone can do it in 12 days and B alone can do in 18 days, In how many days C alone can do it : [ans 9 days]

18. If A , B and C together can finish a piece of work in 4 days . A and B can do a piece of work in 18 days : B and C can do it in 24 days : In how many days A and C can do it [36 days]

19. If A , B and C together can finish a piece of work in 18 days. B and C can do it in 24 days , A and C do it in 36 days after

20. A has been working it for 5 days for days C finished in 13 days. In how many days C alone will do the work {ans : 24]

21. A is twice as good as workman as B and together they complete a work in 15 days . in how many days can the work be complete by B alone ans 45

22. 45 men can complete a wok in 16 days. Six days after they started working 30 more men joined them. How many days will they now take to complete the remaining work? Ans 6

23. 12 men can complete a work in 18 days six days after they started working men joined them. How many days will all of them together complete the remaining work? Ans 9

24. Twelve men can complete a work in 8 days. Three days after started the work 3 more men joined. In how many days will all of them together complete the remaining work [ans 4

25. A, B and C are employed to do a piece of work for Rs.529. A and C are supposed to finish 19/23 of the work together. How much shall be paid to B? [Ans 9]