



## Time And Work Questions Overview

Time And Work Questions have a good weightage in the Ssc Chsl Exam and the type of question asked in Ssc Chsl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Time And Work Questions.

## Comprehension On Time And Work Questions

Directions: Given below are two statements based on one condition. Solve both statements and find how many statements is/are correct.

### Question On Time And Work

There are three pipes attached to a tank, Pipe A can fill the tank in 8 hours, Pipe B can fill the tank in 10 hours and Pipe C can fill the tank in 4 hours then, (I) A and B can fill the tank in  $\frac{40}{9}$  hours. (II) If A works for only two hours B and C can fill the remaining tank in  $\frac{17}{7}$  hours.

Difficulty : Moderate

Average Time : 54 Seconds

## Time And Work Questions Options

1. Only statement (I) is correct
2. Only statement (II) is correct
3. Both statements are correct
4. None statement is correct

## Time And Work Questions Solution

The correct answer is **option 1** i.e. **Only statement (I) is correct.**

Pipe A can fill the tank in 8 hours

Pipe B can fill the tank in 10 hours

Pipe C can fill the tank in 4 hours

Total capacity = L.C.M(8, 10, 4) = 40 units

The efficiency of A =  $40/8 = 5$  units

The efficiency of B =  $40/10 = 4$  units

The efficiency of C =  $40/4 = 10$  units

**Solving statement (I):**

The efficiency of A and B =  $(5 + 4) = 9$  units

Work done by A and B =  $40/9$  hours (same as given in the statement)

**Solving statement (II):**

If A works for 2 hours with efficiency 5

Work done by A =  $5 \times 2 = 10$

Remaining work =  $(40 - 10) = 30$

The remaining work done by B and C together in =  $30/14 = 15/7$  (not same as given in statement)

Hence, only statement (I) is correct

## Time And Work Questions Tips and Tricks



1. Try to solve Time And Work Questions without taking any help from the solutions.
2. Time And Work Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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Exam Results  
Exam Cutoff  
Exam Eligibility  
Exam Pattern  
Answer Key  
Important Days



## Further Guidance on Time And Work Questions

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KD live has an expertise in providing apt explanations for the Time And Work Questions since 2008. More than 10 lakh aspirants have cleared competitive exams under the guidance of Neetu Mam. Study.kdcampus.live is providing free information on various topics and for the Ssc Chsl Exam you can refer the following link [Click Here](#) however if you want to practice more questions then please refer the following link [Click Here](#).

## About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Time And Work Questions. She has guided her team to provide the best explanation for the question.