

## 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.

## Question On Time And Work

2 pipes are connected to a tank among them one is an inlet and the other is an outlet pipe. The inlet pipe can fill the tank working alone in 8 hours and the outlet pipe can empty the tank in 20 hours. How many hours it would take to empty the tank if there is a hole at the bottom which can empty the tank alone in 16 hours?

Difficulty : Moderate

Average Time : 46 Seconds

## Time And Work Questions Options

1. 40
2. 56.5
3. 45
4. None of these

## Time And Work Questions Solution

The correct answer is **option 4** i.e. **None of these**.

Capacity of the tank =  $\text{lcm}(8, 20, 16)$

80 units

The efficiency of inlet pipe =  $80/8$

8 units/hour

The efficiency of outlet pipe =  $80/20$

4 units/hour

The efficiency of the hole =  $80/16$

5 units/hour

Work done in one hour:  $(8 - 4 - 5) = -1$

Time taken =  $80/1 = 80$  hours

## 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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## About KD Live

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.