









# **Time Speed And Distance Questions Overview**

Time Speed And Distance 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 Speed And Distance Questions.

# **Question On Time Speed And Distance**

A car covers a certain distance with auniform speed in 10 hours. If the speed of he car is increased by 5 km/hr, the distance is covered in 9 hours. What is the total distance covered?

Difficulty: Moderate Average Time: 38 Seconds

## **Time Speed And Distance Questions Options**

- 1. 400 km
- 2. 420 km
- 3. 440 km
- 4. 450 km

# **Time Speed And Distance Questions Solution**

The correct answer is option 4 i.e. 450 km.

#### Given:

Time taken with original speed = 10 hours

Time taken after the speed is increased = 9 hours

#### **Concept Used:**

\(Time = {Distance \over Speed}\)

#### **Explanation:**

Let the distance covered be 'd' km and the speed of car be x km/hr.

Now, according to the given question,

Page No: 1



Address : 1997, Mukherjee Nagar, 110009 Email : online@kdcampus.org

Call: +91 95551 08888













 $({d \cdot ver x} = 10)$ 

d = 10x ...(i)

Also,  $({d \cdot (x + 5)} = 9)$ 

d = 9x + 45 ...(ii)

Now comparing equation (i) and equation (ii), we get

10x = 9x + 45

x = 45

Now putting the value of x in equation (i), we get

 $d = 10 \times 45$ 

d = 450

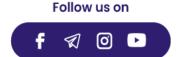
Hence the distance to be covered is 450 km.

# Time Speed And Distance Questions Tips and Tricks



- 1. Try to solve Time Speed And Distance Questions without taking any help from the solutions.
- 2. Time Speed And Distance 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.

Page No: 2



Address: 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888

Get IT ON Google Play

Download the App









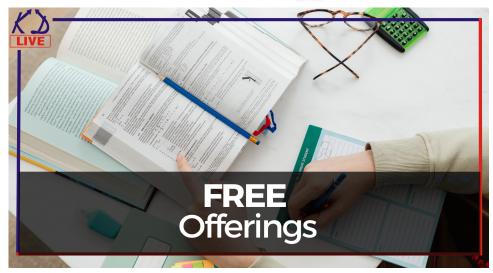


## **Daily Current Affairs**



KD Live is providing Current Affairs on a daily basis for SSC and a current affairs quiz too for the practice. For the Current Affairs please Click Here and for the current affairs quiz please Click Here.

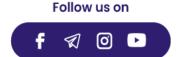
### **KD Live Free Offerings**



KD Live is Offering Every Information and Study Material required for the self study. Please click on the following links for accessing those.

Study Plan General Science General Awareness

Page No: 3



Address: 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888

Google Play

Download the App











General Knowledge

**Quantitative Aptitude** 

Logical Reasoning

**English Language** 

Today In History

**Previous Year Question** 

**Syllabus** 

**Know Your State** 

**Know Your Country** 

**Know Your City** 

**Know Your Leader** 

**Books And Authors** 

**Daily Vocabulary** 

**Daily Editorial** 

**Latest Notifications** 

**Exam Dates** 

**Admit Card** 

**Exam Results** 

**Exam Cutoff** 

**Exam Eligibility** 

**Exam Pattern** 

Answer Key

. \_ \_

**Important Days** 



## **Further Guidance on Time Speed And Distance Questions**

For Asking any query on Time Speed And Distance Questions please mail Send Email or you can fill the form at KD Live.

#### **About KD Live**

KD live has an expertise in providing apt explanations for the Time Speed And Distance 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 Speed And Distance Questions. She has guided her team to provide the best explanation for the question.

Page No: 4



Address: 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888

Google Play

Download the App