









Time Speed And Distance Questions Overview

Time Speed And Distance Questions have a good weightage in the Ssc Cgl Exam and the type of question asked in Ssc Cgl 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.

Comprehension On Time Speed And Distance 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 Speed And Distance

A boat covers 20 km distance downstream and 16 km upstream in 6 hours where it also covers 15 km downstream and 22 km upstream in 7 hours. I. Speed of the boat is 8 km/h II. Total time taken by the boat to cover the total downstream distance is 3 hour 30 minutes.

Difficulty: Moderate Average Time: 50 Seconds

Time Speed And Distance Questions Options

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

Time Speed And Distance Questions Solution

The correct answer is option 2 i.e. Only statement (II) is correct.

For statment I:

Calculations:

Let the speed of boat be u and speed of stream be v.

Page No: 1



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

Call: +91 95551 08888













Downstream speed = x

Upstream speed = y

According to the question;

20/x + 16/y = 6 ---- (1)

15/x + 22/y = 7 ---- (2)

Solving both equation, we get

x = 10 and y = 4

Hence, downstream speed = u + v = 10

upstream speed = u - v = 4

we have, 2u = 14

u = 7 km/h

For statement II:

Total distance travelled downstream = 20 + 15 = 35 km

downstream speed = 7 + 3 = 10 km/h

Time taken = 35/10 = 3.5 hours or 3 hours 30 minutes.

Hence, Only statement (II) is correct.

Time Speed And Distance Questions Tips and Tricks



Page No: 2

Follow us on



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

Call: +91 95551 08888













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

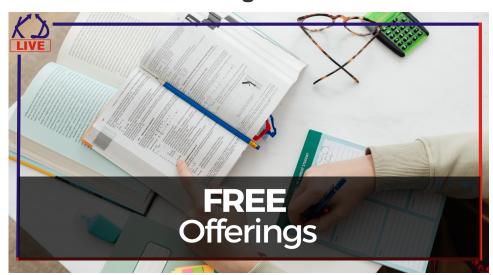
- 2. Time Speed And Distance Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
- 3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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



Page No: 3





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

Call: +91 95551 08888



Google Play











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

General Knowledge

Quantitative Aptitude

Logical Reasoning

English Language

Today In History

Question Paper

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



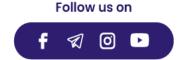
Further Guidance on Time Speed And Distance Questions

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 Cgl 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.

Page No: 4



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

Get IT ON Google Play

Download the App











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: 5



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

Google Play

Download the App