









Trigonometry Questions Overview

Trigonometry 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 Trigonometry Questions.

Question On Trigonometry

What is the value of the following expression? $\sin 2x + \cos 4x \cdot \csc 2x + \cos 2x$

Difficulty: Moderate Average Time: 30 Seconds

Trigonometry Questions Options

- 1. $\sin^2 x$
- $2. \cos^2 x$
- 3. $\cot^2 x$
- 4. cosec²x

Trigonometry Questions Solution

The correct answer is **option 3** i.e. $\cot^2 x$

$$\cos 2x = \cos^2 x - \sin^2 x$$

 $\sin^2 x + \cos^4 x \csc^2 x + \cos 2x = \sin^2 x + \cos^4 x \csc^2 x + \cos^2 x - \sin^2 x$
 $\cos^4 x \csc^2 x + \cos^2 x$
 $\cos^2 x (\cos^2 x / \sin^2 x + 1) [\csc x = 1 / \sin x]$
 $\cos^2 x (\cos^2 x + \sin^2 x) / \sin^2 x$
 $\cos^2 x / \sin^2 x [\cos^2 x + \sin^2 x = 1]$
 $\cot^2 x [\cos x / \sin x = 1]$

Trigonometry Questions Tips and Tricks

Page No: 1



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

Google Play

Download the App













- 1. Try to solve Trigonometry Questions without taking any help from the solutions.
- 2. Trigonometry 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: 2

Follow us on



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

Google Play

Download the App













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

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

Page No: 3

Follow us on

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

Google Play

Download the App











Exam Pattern Answer Key Important Days

Further Guidance on Trigonometry Questions

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

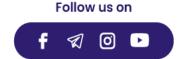
About KD Live

KD live has an expertise in providing apt explanations for the Trigonometry 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 Trigonometry 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 Download the App

GET IT ON

Google Play