



Trigonometric Equation Questions Overview

Trigonometric Equation 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 Trigonometric Equation Questions.

Question On Trigonometric Equation

If $\sin \theta - \cos \theta = 0$, $0^\circ < \theta < 90^\circ$, then the value of $\sin^4 \theta + \cos^4 \theta$ is :

Difficulty : Moderate

Average Time : 33 Seconds

Trigonometric Equation Questions Options

1. $1/3$
2. 1
3. $1/2$
4. $1/4$

Trigonometric Equation Questions Solution

The correct answer is **Option 3** i.e. $1/2$

Application

Here According to question:

$$\sin \theta = \cos \theta$$

So,

$$\sin^2 \theta = \cos^2 \theta$$

$$1/2 = 1/2$$

Hence,

$$\sin^4 + \cos^4$$

$$= 1/4 + 1/4$$

$$= 2/4$$

$$= 1/2$$

Trigonometric Equation Questions Tips and Tricks



1. Try to solve Trigonometric Equation Questions without taking any help from the solutions.
2. Trigonometric Equation 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



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
Exam Pattern
Answer Key
Important Days



Further Guidance on Trigonometric Equation Questions

For Asking any query on Trigonometric Equation 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 Trigonometric Equation 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 Trigonometric Equation Questions. She has guided her team to provide the best explanation for the question.