Cubes And Dice Questions Overview

Cubes And Dice 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 Cubes And Dice Questions.

Question On Cubes And Dice

A cube of side 12 cm is painted green on all the faces and then cut into smaller cubes of sides 2 cm each. Find the number of smaller cubes that have only one face painted.

Difficulty : Moderate

Average Time : 37 Seconds

Cubes And Dice Questions Options

1. 68
2. 96
3. 78
4. 49

Cubes And Dice Questions Solution

The correct answer is **option 2** i.e. **96.**

A cube of side 12 cm is painted green on all the faces and then cut into smaller cubes of sides 2 cm each. So, length of each smaller cube = 12 / 2 = 6

So, the number of smaller cubes having only one face painted = 6(Smaller cube length - 2)^2 = 6(6 - 2)^2 = 6(16) = 96

Cubes And Dice Questions Tips and Tricks

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TIPS & TRICKS

1. Try to solve Cubes And Dice Questions without taking any help from the solutions.
2. Cubes And Dice 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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Further Guidance on Cubes And Dice Questions

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About KD Live

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