



Statistics Questions Overview

Statistics 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 Statistics Questions.

Question On Statistics

The average of thirteen numbers is 47. The average of first 3 numbers is 39 and that of next 7 numbers is 49. The 11th number is two times the 12th number and 12th number is 3 less than the 13th number. What is the average of 11th and 13th numbers?

Difficulty : Moderate

Average Time : 40 Seconds

Statistics Questions Options

1. 54.5
2. 57
3. 56
4. 55.5

Statistics Questions Solution

The correct answer is option 2 ie 57.

$$= (\text{sum of 13 numbers}) / 13 = 47$$

$$\text{Avg. of first 3 numbers} = 39$$

$$\text{Avg. of next 7 numbers} = 49$$

Let the 12th number be x.

Then, 11th number = 2x.

$$13^{\text{th}} \text{ number} = x+3$$

Now,

$$(39 \times 3) + (49 \times 7) + 3x + (x + 3) = 47 \times 13$$

$$4x + 120 + 343 = 47 \times 13$$

$$4x = 148$$

$$x = 37$$

$$\text{Avg. of } 11^{\text{th}} \text{ and } 13^{\text{th}} \text{ number} = (2x + x + 3) / 2$$

$$= [3(37) + 3] / 2$$

$$= 57$$

Statistics Questions Tips and Tricks



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

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KD live has an expertise in providing apt explanations for the Statistics 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](#).

About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Statistics Questions. She has guided her team to provide the best explanation for the question.