



Figure Based Questions Overview

Figure Based 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 Figure Based Questions.

Question On Figure Based

Find the number of triangles in the given figure.

Difficulty : Moderate

Average Time : 29 Seconds

Figure Based Questions Options

1. 20
2. 22
3. 24
4. 26

Figure Based Questions Solution

The correct answer is **Option 3** i.e. **24**

Understanding

The given figure:



TRICK: Whenever a triangle is divided into different bases forming other triangles in it. Then, to find the total number of triangles, we just count those bases by placing the numbers and adding those numbers.

Here, In triangle ABH, we have three bases i.e. BI(1), IJ(2), JH(3)

Total triangles in triangle ABH:

$$1 + 2 + 3 = 6$$

(ABI, ABJ, ABH, AIJ, AIH, AJH)

Similarly, In triangle ACG, we have three bases i.e. CK(1), KL(2), LG(3)

$$1 + 2 + 3 = 6$$

(ACK, ACL, ACG, AKL, AKG, ALG)

Total triangles in the upper part of the figure: $6 + 6 = 12$

Now, the lower part of the figure is similar to that of the upper part. So, the number of triangles will be the same in that figure too.

Thus, $12 \times 2 = 24$

Total number of triangles = **24**

Figure Based Questions Tips and Tricks



1. Try to solve Figure Based Questions without taking any help from the solutions.
2. Figure Based 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](#)
- [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 Figure Based Questions

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