

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

Count the number of triangles in the given figure.

Difficulty : Moderate

Average Time : 29 Seconds

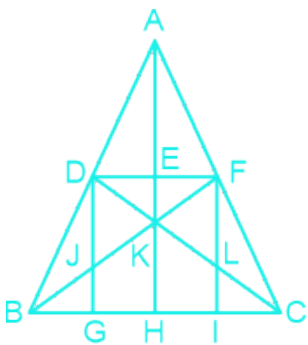
Figure Based Questions Options

1. 24
2. 62
3. 36
4. 41

Figure Based Questions Solution

The correct answer is **Option 3** i.e. **36**.

The given figure will be labeled as:



No. of triangles having 1 part: (ADE), (AEF), (DEK), (EFK), (DJK), (FLK), (DJB), (FLC), (BJG), (LIC) = 10

No. of triangles having 2 parts: (ADF), (AFK), (DFK), (ADK), (DKB), (FCK), (BKH), (KHC), (DGB), (FIC) = 10

No. of triangles having 3 parts: (DFJ), (DFL) = 2

No. of triangles having 4 parts: (ABK), (ACK), (BFI), (CDG), (DFB), (DFC), (BKC) = 7

No. of triangles having 6 parts: (ABH), (ACH), (ABF), (ACD), (BFC), (CDB) = 6

A triangle having all parts: (ABC) = 1

Total number of triangles: $10 + 10 + 2 + 7 + 6 + 1 = 36$

Hence, the correct answer is **36**.

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.

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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.