

STUDY CONTENTS THAT GET YOU SELECTED **5 LAKH+ STUDENTS 30+ EXPERT INSTRUCTORS** 10000+ HOURS OF VIDEOS Already enrolled with our Our instructors are the best In the industry All videos are well-explained for you to get every bit out of the videos



Puzzle Questions Overview

Puzzle 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 Puzzle Questions.

Comprehension On Puzzle Questions

selection focused courses.

Direction: Read the following information carefully and answer the questions given below. Eight carpenter buys different sizes of wooden planks having the same eights. The length and breadth of the wooden planks are 21, 25, 36, 49, 60, 72, 75, and 96 but not necessarily in the same order. The length and breadth of each plank are different except for one. The difference between the breadth and length of the planks bought by Z is 47. The breadth and length of the planks bought by W are the perfect square but are not the same. Also, neither the length nor breadth of W is 49. The length of the planks bought by T is the multiple of 25. The sum of breadths of the planks bought by V and X is equal to the length of the planks bought by S. The plank which has the highest length has the least breadth. The breadth and length of the planks bought by T are the same. The difference between the breadths of the planks bought by T and Y is 3. The length of the planks bought by X is more than that of the planks bought by Y. The breadth of the planks bought by U is one less than double the breadth of the planks bought by W. The length of the plank bought by U is more than the length of the plank bought by Y. The sum of the breadth and length of the planks bought by V is equal to the breadth of the planks bought by Z.

Question On Puzzle

What is the difference between the length and breadth of the plank buys by U?

Difficulty : Moderate

Average Time : 101 Seconds

Puzzle Questions Options

- 1.20
- 2.24
- 3 30
- 4 41
- 5. None of these



Page No: 1

Address : 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888

Download the App Google Play







Puzzle Questions Solution

The correct answer is Option 2 i.e. 24

1. The sum of breadths of the planks bought by V and X is equal to the length of the planks bought by S. (there are two combinations- (21, 75, 96) and (36, 60, 96))

2. The plank which has the highest length has the least breadth. (from these condition possibility of the breadth of V and X being 21 has been canceled).

3. The sum of the breadth and length of the planks bought by V is equal to the breadth of the planks bought by Z.

4. The difference between the breadth and length of the planks bought by Z is 47.

From these conditions, there are two possibilities-

Case 1			Case 2		
Carpenter	Plank's Length	Plank's Breadth	Carpenter	Plank's Length	Plank's Breadth
S	96	21	s	96	21
Т			т		
U			U		
V	60	36	V	36	60
W			W		
Х		60	Х		36
Y			Y		
Z	49	96	Z	49	96

5. The breadth and length of the planks bought by W is perfectly square but are not the same. Also, neither the length nor breadth of W is 49. (length and breadth of W is either 36 or 25). (from these conditions case 2 will be eliminated)

6. The length of the planks bought by T is a multiple of 25.

7. The breadth and length of the planks bought by T are the same. (the only possibility is T's length is 75).

Page No: 2



Address : 1997, Mukherjee Nagar, 110009 Email : online@kdcampus.org Call : +91 95551 08888









Case 1	Case 1		Case 2		
Carpenter	Plank's Length	Plank's Breadth	Carpenter	Plank's Length	Plank's Breadth
S	96	21	S	96	21
Т	75	75	т		
U			U		
V	60	36	V	36	60
W	36	25	W	25	36
Х		60	Х		36
Y			Y	IVE	
Z	49	96	Z	49	96

8. The difference between the breadths of the planks bought by T and Y is 3.

9. The length of the planks bought by X is more than that of the planks bought by Y.

10. The breadth of the planks bought by U is one less than double the breadth of the planks bought by W.'

11. The length of the plank bought by U is more than the length of the plank bought by Y.

The final arrangement is-

Carpenter	Plank's Length	Plank's Breadth
S	96	21
Т	75	75
U	25	49
V	60	36



Page No: 3

Address : 1997, Mukherjee Nagar, 110009 Email : online@kdcampus.org Call : +91 95551 08888





STUDY CONTENTS THAT GET YOU SELECTED 5 LAKH+ STUDENTS Already enrolled with our selection focused courses. 30+ EXPERT INSTRUCTORS Our instructors are the best in the industry 0 un instructors are the best in the industry

F	R	E
P	D	F

W	36	25
Х	72	60
Y	21	72
Z	49	96

From the above arrangement, the difference between the length and breadth of U's plank is 49-25=24

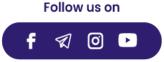
Hence the correct answer is 24.

Puzzle Questions Tips and Tricks



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



Page No: 4

Address : 1997, Mukherjee Nagar, 110009 Email : online@kdcampus.org Call : +91 95551 08888





STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS Already enrolled with our selection focused courses. 30+ EXPERT INSTRUCTORS Our instructors are the best In the industry

All videos are well-explained for you to get every bit out of the videos





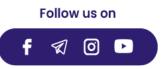
KD Live is providing Current Affairs on a daily basis for SSC and a current affairs quiz too for the practice. For the Current Affairs please Click Here and for the current affairs quiz please Click Here.

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



Page No: 5

Address : 1997, Mukherjee Nagar, 110009 Email : online@kdcampus.org Call : +91 95551 08888 Download the App







30+ EXPERT INSTRUCTORS Our instructors are the best In the industry

10000+ HOURS OF VIDEOS All videos are well-explained for you to get every bit out of the videos



Logical Reasoning **English Language Today In History Question Paper Syllabus Know Your State Know Your Country** Know Your Citv **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 Puzzle Questions

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



Address : 1997, Mukherjee Nagar, 110009 Email: online@kdcampus.org Call: +91 95551 08888



Page No: 6